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UNITED STATES DEPARTMENT OF AGRICULTURE

WORKERS IN SUBJECTS PERTAINING TO AGRICULTURE IN STATE AGRICULTURAL COLLEGES AND EXPERIMENT STATIONS

1927–1928

OFFICE OF EXPERIMENT STATIONS
MISCELLANEOUS PUBLICATION No. 12

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WORKERS IN SUBJECTS PERTAINING TO AGRICULTURE IN STATE AGRICULTURAL COLLEGES AND EXPERIMENT STATIONS

By MARY A. AGNEW
Office of Experiment Stations

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KEY TO ABBREVIATIONS

Acct., Accountant, Accounts.
Actg., Acting.
Admin., Administration, Administrative.
Agr., Agriculture, Agriculturist, Agricultural.
Agron., Agronomy, Agronomist.
Agt., Agent.
An., Animal.
Anal., Analytical, Analysis.
Anat., Anatomy.
Arch., Architecture.
Assoc., Associate, Association.
Asst., Assistant.
Bact., Bacteriology, Bacteriologist.
Biochem., Biochemist, Biochemistry.
Biol., Biology, Biologist, Biological.
Bot., Botany, Botanist, Botanical.
Brdg., Breeding.
Chair., Chairman.
Chem., Chemistry, Chemist, Chemical.
Climat., Climatology, Climatologist.
Coll., College.
Comp., Comparative.
Comn., Commission.
Comr., Commissioner.
Consult., Consulting.
Coop., Cooperation, Cooperative, Cooperator.
Corresp., Correspondence, Correspondent.
Dem., Demonstration, Demonstrator.
Dept., Department.
Dir., Director.
Dist., District.
Div., Division.
Dom., Domestic.
Econ., Economy, Economic, Economics, Economist.
Ed., Education.
Engin., Engineer, Engineering.
Ent., Entomology, Entomologist, Entomological.
Erad, Eradication.
Expt., Experiment, Experimentalist, Experimental.
Ext., Extension.
Fert., Fertility, Fertilizer.
Flor., Floriculture, Floriculturist, Floricultural.
For., Forestry, Forester.
Gard., Gardening.
Gen., General.
Geol., Geology, Geologist, Geological.
Grad., Graduate.
Histol., Histology, Histologist.
Hon., Honorary.
Hort., Horticulture, Horticulturist, Horticultural.
Husb., Husbandry, Husbandman.
Hyg., Hygiene.
Illus., Illustration, Illustrative.
Indus., Industry, Industrial, Industries.
Inorg., Inorganic.
Insp., Inspection, Inspector.
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Lab., Laboratory.
Landsc., Landscape.
Lect., Lecturer.
Libr., Library, Librarian.
Mach., Machine, Machinery.
Mech., Mechanics, Mechanical.
Met., Meteorology, Meteorologist.
Mfg., Manufacturing.
Mfrs., Manufactures.
Mgr., Manager.
Mgt., Management.
Microbiol., Microbiology, Microbiologist.
Mktg., Marketing.
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Ornith, Ornithology, Ornithologist
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Path., Pathology, Pathologist, Pathological.
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Pharm., Pharmacy, Pharmacist, Pharmaceutical.
Pharmacol., Pharmacology, Pharmacologist.
Photog., Photography, Photographer.
Phys., Physics, Physical.
Physiol., Physiology, Physiologist, Physiological.
Pomol., Pomology, Pomologist, Pomological.
Pract., Practice, Practical.
Prep., Preparatory.
Pres., President.
Prin., Principal.
Prod., Production.
Prof., Professor.
Pubs., Publications.
Sci., Science, Scientific.
Sect., Section.
Secy., Secretary.
Secon., Secondary.
Sociol., Sociology, Sociologist.
Sta., Station.
Substa., Substation.
Supt., Superintendent.
Supvr., Supervisor.
Surg., Surgery.
Tech., Technology, Technologist, Technical.
Treas., Treasurer.
Trop., Tropical.
Univ., University.
Veg., Vegetable, Vegetation.
Vet., Veterinary, Veterinarian.
Vit., Viticulture, Viticulturist, Viticultural.
Voc., Vocational.
Zool., Zoology, Zoologist.

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NOTE.—In the preparation of this publication Miss Agnew was assisted by Miss Betty T. Richardson, of the Office of Experiment Stations.

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A key to the abbreviations used is given on page III.

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[1] For subject-matter workers see the respective division, i. e., agronomy, animal industry, etc.

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‡W. R. Ralston, B. S., *Asst State Club Leader.*
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[1] For subject-matter workers see the respective division, i. e., agronomy, animal industry, etc.

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†H. L. Marshall, M. S., *Asst. Chem.*

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*J. E. Turlington, Ph. D., *Prof. Agr. Econ.*
†M. A. Brooker, M. S., *Asst. Agr. Econ.*
*F. W. Brumley, M. S., *Instr. Farm Mgt.*
*H. G. Hamilton, M. S., *Asst. Prof. Mktg.*

[1] For subject-matter workers see the respective division, i. e., agronomy, animal industry, etc.
[2] Given in the Women's College.
[3] On leave.

Economics (Agr.)—Continued.
†Bruce McKinley, B. S., *Asst. Agr. Econ.*
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Editorial—*See* **Journalism.**

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Engineering (Agr.):
*Frazier Rogers, B. S., *Prof. Agr. Engin.*

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†E. D. Ball, Ph. D., *Assoc. Ent.* (*P. O., Sanford*).
†H. E. Bratley, M. S., *Asst. Ent.* (*Pecan Invest.*).
†E. F. Grossman, M. A., *Asst. Ent.* (*Cotton Invest.*).
†A. N. Tissot, M. S., *Asst. Ent.*
†F. W. Walker, *Asst. Ent.* (*Pecan Invest.: P. O., Monticello*).

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†L. W. Gaddum, Ph. D., *Biochem. in Home Econ. Invest.*
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*E. L. Lord, B. S., *Prof. Hort.*
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†C. B. Van Cleef, M. S., *Greenhouse Foreman.*
*J. V. Watkins, B. S., *Asst. in Hort.*

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†‡J. F. Cooper, B. S., *Editor.*
*Elmer Emig, M. A., *Asst. Prof. Agr. Journalism.*
†E. G. Moore, M. S., *Asst. Editor.*

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*R. D. Dickey, B. S., *Instr. Plant Path. and Econ. Ent.*
†L. O. Gratz, Ph. D., *Assoc. Plant Path.* (*P. O., Hastings*).
*John Gray, M. S., *Prof. Plant Path. and Econ. Ent.*
†Stacy Hawkins, A. B., *Field Asst. in Plant Path.* (*P. O., Homestead*).
†D. G. A. Kelbert, *Field Asst. in Plant Path.* (*P. O., Bradenton*).
†W. A. Kuntz, A. M., *Asst. Plant Path.* (*Coop. U. S. D. A.: P. O., Lake Alfred*).
†K. W. Loucks, B. S., *Asst. Plant Path.*
†R. E. Nolen, M. S., *Field Asst. in Plant Path.* (*P. O., Monticello*).
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†G. F. Weber, Ph. D., *Assoc. Plant Path.*
†Erdman West, B. S., *Mycol.*

Plant Physiology:
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†R. M. Crown, B. S., *Field Asst. in Cotton Invest.*
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†D. A. Sanders, B. S., D. V. M., *Asst. Vet.*
†E. F. Thomas, D. V. M., *Lab. Asst. in Vet.*

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†S. T. Fleming, A. B., *Asst. to Sta. Dir.*
*††K. H. Graham, *Business Mgr.*
*A. W. Leland, *Farm Foreman.*
†Henry Zeigler, *Farm Foreman.*

Substations:
Citrus Expt. Sta., *P. O., Lake Alfred*—
J. H. Jefferies, *Supt.*
W. L. Thompson, B. S., *Asst. Ent.*

[1] For subject-matter workers see the respective division, i. e., agronomy, animal industry, etc.

Substations—Continued.
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R. V. Allison, Ph. D., *Soils Specialist.*
H. E. Hammar, M. S., *Field Asst.*
J. H. Hunter, M. S., *Asst. Agron.*
J. L. Seal, Ph. D., *Assoc. Plant Path.*
G. E. Tedder, *Foreman.*

Substations—Continued.
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W. B. Tisdale, Ph. D., *Plant Path., in charge Tobacco Invest.*
Jesse Reeves, *Foreman.*
R. F. Wadkins, M. S., *Lab. Asst.*

Florida Agricultural and Mechanical College for Negroes, *Tallahassee*

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*Hattie Britt, *Handicrafts.*
*C. H. Chapman, *An. Husb. and Dairying.*
*Irma L. Coleman, *Instr. Dom. Sci.*
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*Clementina B. Nelson, B. S., *Dom. Sci.*
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*E. C. Weare, *Libr.*
*J. D. Wray, M. S., *Agr.*

GEORGIA

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*R. R. Childs, M. S., *Prof. Agron. in charge Cotton Indus. (Coop. U. S. D. A.).*
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‡L. V. Davis, B. S., *Supvr. Fert. Invest.*
‡J. W. Firor, B. S., *State Agt. in Mktg.*
‡W. A. Minor, B. S., *Farm Mgt. Specialist.*
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Animal Industry—Continued.
‡W. P. Clarke, B. S., *Field Agt. in Poultry Husb.*
‡F. W. Fitch, B. S., *Field Agt. in Dairy Husb.*
*C. E. Kellogg, B. S., *Assoc. Prof. An. Husb.*
‡L. H. Marlatt, *Field Agt. in Cheese Prod.*
‡r'. E. Mitchell, B. S., *Supvr. Egg-laying Contests.*
*J. S. Moore, B. S., *Instr. Poultry Husb.*
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‡R. J. Richardson, B. S., *Field Agt. in Poultry Husb.*

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*M. E. Brand, B. S., *Adjunct Prof. Soil Chem.*
*W. O. Collins, B. S., *Assoc. Prof. Soil Chem.*
‡G. L. Fuller, B. S., *Soil Specialist in State Survey.*
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*C. N. Wilder, M. S., *Assoc. Prof. Agr. Chem.*
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Economics (Agr.)—*See* **Agronomy.**

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‡G. V. Cunningham, B. S., *State Supvr. Agr. Clubs.*
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‡DuPre Barrett, B. S. F., *Field Agt. in For.*
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*Matilda Callaway, B. S., *Adjunct Prof. Home Econ.*
*Epsie Campbell, B. S., *State Supvr. Voc. Home Econ.*
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‡Willie V. Dowdy, B. S., *Home Improvement Specialist.*
*Edith Hanson, B. S., *Adjunct Prof. Home Econ.*
*Rachael L. Keith, B. S., *Adjunct Prof. Home Econ.*
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‡Martha I. McAlpine, A. B., *Child Study Specialist.*
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‡H. W. Harvey, B. S., *Landsc. Gard. Specialist.*
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‡H. M. McKay, M. S., *Field Agt. in Hort.*
‡R. M. Middleton,[2] B. S., *Mktg. Specialist.*

Veterinary Medicine:
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*W. C. Burkhart, D. V. M., *Assoc. Prof. Vet. Med.*
*R. W. Jones, D. V. M., *Assoc. Prof. Vet. Med.*
*W. F. McLendon, D. V. M., *Assoc. Prof. Vet. Med.*
*H. V. Persells, D. V. M., *Assoc. Prof. Vet. Med.*
*J. E. Severin, D. V. M., *Assoc. Prof. Vet. Med.*

Miscellaneous:
*Nelle M. Reese, *Libr.*

[1] For subject-matter workers see the respective division, i. e., agronomy, animal industry, etc.
[2] In cooperation with the Georgia experiment station.

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†W. G. Friedemann, Ph. D., *Chem.*
†B. B. Higgins, Ph. D., *Bot., Plant Path.*
†J. E. Bailey, B. S., *Asst. Hort.*
†H. K. Brabham, *Asst. Agron.*
†W. L. Brown, B. S., *Asst. Chem.*
†R. C. Campbell, M. S., *Cotton Fiber Specialist.*
†W. T. Fullilove, B. S., *Cotton Mktg. Invest.*
†G. A. Hale, M. A., *Asst. Agron.*
†K. T. Holley, B. S., *Assoc. Chem.*
†B. M. Jackson, *Asst. An. Husb.*
†L. H. Jones, *Asst. Agron.*
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†Catherine Newton,[1] M. S., *Nutr. Specialist.*
†Frank Van Haltern, M. S., *Assoc. Bot. (Coop. with Coastal Plain Expt. Sta.: P. O., Tifton).*
†J. G. Woodroof, M. S., *Assoc. Hort.*
†Mrs. Naomi C. Woodroof, M. S., *Asst. Bot., Plant Path.*

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*Howard Jackson, *Instr. Laundering.*
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†Joaquin Guerrero, *Asst. in Hort.*
†Peter Nelson, *Admin. Asst.*
†S. R. Vandenberg, B. S., *Ent.*

[1] In cooperation with the Georgia State College of Agriculture.

HAWAII

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*College faculty

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*H. F. Bergman, Ph. D., *Prof. Bot.*
*C. M. Bice, B. S., *Instr. Poultry Husb.*
*E. M. Bilger, Ph. D., *Asst. Prof. Chem.*
*E. H. Bryan, jr., M. S., *Instr. Ent.*
*Anna von B. Dahl, *Asst. Prof. Textiles.*
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*C. H. Edmondson, Ph. D., *Prof. Zool. and Dir. Marine Biol. Lab.*
*D. M. L. Forbes, B. S., *Dir. Agr. Ext.*
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*C. A. Hannum, M. S., *Instr. Zool.*
*Clara F. Hemenway, *Libr.*
*L. A. Henke, M. S., *Prof. Agr.*
*Paul Kirkpatrick, Ph. D., *Prof. Phys.*
*F. G. Krauss,[1] D. Sc., *Prof. Agron. and Genetics.*
*W. R. McAllep, *Lect. on Sugar Mfg.*
*M. C. Magarian, M. A., *Instr. Phys.*
*Carey D. Miller, M. S., *Asst. Prof. Food and Nutr.*
*Leonora Neuffer, Ph. D., *Actg. Prof. Chem.*
*J. M. Ostergaard, *Asst. in Zool.*
*Robert Pahau, B. S., *Supt. Waiakea Farm (P. O., Hilo).*
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*Louise P. Sooy, *Prof. Household Art.*
*Richard Wrenshall,[1] Ph. D., *Prof. Chem.*

Experiment Station of the Association of Hawaiian Pineapple Canners[2]

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W. A. Baldwin, Ph. B., *Asst. Agr.*
F. A. Bowers, B. S., *Asst. Agr.*
H. L. Denison, B. S., *Agr.*
F. T. Dillingham, M. A., *Chem.*
C. A. Farden, B. S., *Asst. Chem.*
G. H. Godfrey, Ph. D., *Nematologist.*
J. M. Horner, A. B., *Asst. Chem.*
J. F. Illingworth, Ph. D., *Ent.*
Mary Kamm, B. S., *Asst. Path.*
Kenneth Kerns, B. S., *Asst. Geneticist.*
Beatrice H. Krauss,[1] B. S., *Asst. Physiol.*
Helene T. Morita, B. S., *Asst. Nematologist.*
G. E. Paxton, M. S., *Asst. Path.*
C. P. Sideris, Ph. D., *Physiol. and Path.*
H. O. Thompson, B. S., *Asst. Agr.*
Gwendolyn C. Waldron, B. S., *Asst. Path.*
W. A. Wendt, B. S., *Asst. Agr.*

Agricultural Experiment Station, *Honolulu*

Under supervision of the Office of Experiment Stations, United States Department of Agriculture

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†H. L. Chung, M. S., *Agron.*
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‡Mabel Greene, *Ext. Agt. in Club Work.*
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†R. K. Lum, B. S., *Junior Trop. Econ.*
†W. T. Pope, M. S., *Hort.*
†J. C. Ripperton, D. Sc., *Chem.*
‡H. F. Willey, *Supt. Dem. Farm (P. O., Makawao).*

[1] On leave.
[2] Under the management of the University of Hawaii.

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†H. W. Brodie, *Asst. in For.*
†L. W. Bryan, B. S., *For. Supvr. (Hilo Project).*
†Royden Bryan, *Asst. Agr.*
†C. W. Carpenter, *Asst. Path.*
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†E. L. Caum, *Asst. Bot.*
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†A. H. Cornelison, *Asst. Agr.*
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†Herbert Deverill, *Asst. Agr.*
†R. E. Doty, *Asst. Agr.*
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†Albert Duval, *Asst. in For.*
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†Allister Forbes, *Asst. Agr.*
†F. C. Haddon, *Asst. Ent.*
†F. E. Hance, *Assoc. Chem.*
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†R. H. King, B. S., *Asst. Chem.*
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†H. L. Lyon, Ph. D., *in charge Dept. of Bot. and For.*
†W. R. McAllep, *Sugar Tech.*
†W. L. McCleery, *Asst. Sugar Tech.*
†G. A. McEldowney, *For. Supvr. (Oahu Project).*
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†R. C. McLennan, *Asst. Agr.*
†A. J. Mangelsdorf, D. Sc., *Geneticist.*
†J. P. Martin, M. S., *Asst. Plant Path.*
†F. Muir, *Ent.*
†Carl Nesbitt, *Asst. Chem.*
†C. E. Pemberton, *Asst. Ent.*
†R. C. L. Perkins, D. Sc., *Consult. Ent.*
†H. R. Shaw, *Asst. Agr.*
†Twigg Smith, *Illustrator.*
†H. K. Stender, B. S., *Asst. Agr.*
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†O. H. Swezey, M. S., *Ent.*
†F. R. Van Brocklin, B. Ch., *Asst. Chem.*
†R. H. Van Zwaluwenburg, B. S., *Asst. Ent.*
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†A. J. Watt, jr., *Asst. Agr.*
†D. M. Weller, *Histol.*
†F. X. Williams, Sc. D., *Asst. Ent.*
†J. E. Wist, *Supt. Vineyard Street Nursery.*

IDAHO

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†‡C. B. Ahlson, B. S., *Field Agron. and Seed Comr. (P. O., Boise).*
†‡Jessie C. Ayres, A. B., *State Seed Analyst (P. O., Boise).*
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‡L. D. Raeder, B. S., *Asst. Field Agron. (P. O., Boise).*
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*†C. E. Lampman, B. S., *Prof. Poultry Husb.; Poultry Husb.*
†R. F. Johnson, B. S., *Asst. in Feeding Invest.*

[1] On leave.

Animal and Poultry Husbandry— Continued.
*†F. E. Moore, B. S., *Asst. Poultry Husb.*
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[4] For subject-matter workers see the respective division, i. e., agronomy, animal husbandry, etc.

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‡W. Q. Fitch, B. S., *State Leader of Farmers' Insts.*
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‡W. F. Graham, B. S., *Asst. in Short Courses and Exhibits.*
‡Mabel L. Harlan, *Admin. Asst.*
‡L. E. Hoffman, B. S., *Asst. County Agt. Leader.*
‡T. R. Johnston, *Asst. County Agt. Leader and in charge Informational Service.*
‡W. V. Kell, *Asst. County Agt. Leader.*
*‡W. C. Latta, M. S., *Prof. and Consult. Specialist in Agr.*
‡Meta E. Martin, B. S., *Asst. State Home Dem. Leader.*
‡May A. Masten, B. S., *Asst. State Club Leader.*
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†M. H. Overton, B. S., *Assoc. in Farm Mgt.*
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‡L. S. Robertson, B. S., *State Leader in Farm Mgt. Dem.*
*†E. C. Young, Ph. D., *Assoc. Prof. Farm Mgt. and Rural Econ.; Asst. in Farm Mgt.*
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Forestry:

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Home Economics: [2]

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*M. Edith Gamble, M. A., *Head Dept. of Institution Mgt.*
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[2] Given in School of Science.

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Dairying—Continued.

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Editorial—*See* **Journalism.**

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[3] On leave.

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[1] For subject-matter workers see the respective division, i. e., agronomy, animal industry, etc.

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[1] For subject-matter workers see the respective division, i. e., agronomy, animal industry, etc.

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*Myrtle T. Hibbler, *Foods.*
*Cornelius King, *Voc. Agr. and Teacher Trainer.*
*Mrs. Emma N. Maberry, *Home Econ. and Teacher Trainer.*
*Alice B. Shaw, *Plain Sewing.*
*J. H. Theus, *Agr.*
*L. M. Ward, *Agr.*

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Agronomy:
*G. E. Simmons, D. Sc., *Prof. Agron.*
‡A. K. Gardner, B. S., *Crops Specialist.*
*B. C. Helmick, M. S., *Asst. Prof. Agron.*
*H. C. Swift, M. S., *Asst. Prof. Agron. and Agr. Engin.*

Animal Industry:
*L. S. Corbett, M. S., *Prof. An. Indus.*
*L. M. Dorsey, M. S., *Assoc. Prof. An. Indus.*
*L. P. Gardner, M. S., *Asst. Prof. Poultry Husb.*
*H. W. Hall, M. S., *Instr. An. Indus.*
‡R. F. Talbot, B. S., *Dairy Specialist.*
‡O. M. Wilbur, M. S., *Poultry Specialist.*

Bacteriology:
*F. L. Russell, B. S., V. S., *Prof. Bact. and Vet. Sci.*
*E. R. Hitchner, M. S., *Assoc. Prof. Bact.*

Biology:
†Karl Sax, D. Sc., *Biol.*
†J. W. Gowen, Ph. D., *Biol. (Collaborating).*
*F. H. Steinmetz, Ph. D., *Prof. and Head Div. of Bot.*
†Mrs. Iva M. Burgess, M. S., *Sci. Aid.*

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†Mildred R. Covell, *Asst. in Biol.*
†Mrs. Margaret S. Dermen, M. A., *Asst. in Biol.*
*Haig Dermen, M. S., *Instr. Bot.*
*C. O. Dirks, M. S., *Asst. Prof. Ent.*
†W. F. Dove, Ph. D., *Assoc. Biol. (An. Brdg. and Nutr.).*
†A. C. Hildreth, Ph. D., *Assoc. Biol. (Blueberry Invest.).*
*Fay Hyland, B. S., *Instr. Bot.*
†Mrs. Emmeline W. Kenney, *Lab. Asst. in Biol.*
†F. V. Owen, Ph. D., *Assoc. Biol. (Plant Brdg. and Nutr.).*

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*L. H. Merrill, Sc. D., *Prof. Biol. and Agr. Chem.*
†J. M. Bartlett, D. Sc., *Chem.*
†B. E. Plummer, jr., M. S., *Asst. Chem.*
*H. W. Smith, M. S., *Asst. Prof. Biol. and Agr. Chem.*
†E. R. Tobey, M. S., Ch. E., *Chem.*
†C. H. White, Ph. C., *Asst. Chem.*

Economics (Agr.):
*†C. H. Merchant, M. S., *Prof. Agr. Econ. and Farm Mgt.; Agr. Econ.*
†J. L. Babson, jr., M. S., *Asst. Agr. Econ.*

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†G. F. Dow, B. S., *Asst. Agr. Econ.*
*M. D. Jones, M. S., *Assoc. Prof. Agr. Econ. and Farm Mgt.*
‡D. W. Reed, B. S., *Farm Mgt. Dem.*

Editorial:
‡C. E. Crossland, B. S., *Agr. Editor.*

Education (Agr.):
*H. S. Hill, A. B., *Prof. and State Supvr. Agr. Ed.*

Entomology:
†Edith M. Patch, Ph. D., *Ent.*
†J. H. Hawkins, M. S., *Asst. Ent.*
†C. R. Phipps, M. S., *Assoc. Ent.*
†Alice W. Averill, *Lab. Asst. Ent.*

Extension (Admin.):[1]
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‡A. L. Deering, B. S., *Asst. Dir. and County Agt. Leader.*
‡Estelle Nason, B. S., *State Home Dem. Leader.*
‡L. H. Shibles, A. B., *State Club Leader.*
‡Mildred G. Brown, B. S., *Asst. State Club Leader.*

Forestry:
*J. M. Briscoe, M. F., *Prof. For.*
*C. W. L. Chapman, M. S., *Asst. Prof. For.*
‡R. M. Hutchinson, B. S., *For. Specialist.*
*G. I. Stewart, B. S., M. F., *Asst. Prof. For.*

Home Economics:
*†Pearl S. Greene, M. A., *Prof. Home Econ.*
‡Evelyn C. Avery, B. S., *Foods Specialist.*
*Louise Bancroft, B. S., *Asst. Prof. Home Econ.*
*Rena Campbell, B. S., *Instr. Home Econ.*
*Beulah E. Osgood, B. S., *Instr. Home Econ.*
†Gail M. Redfield, M. S., *Asst. in Home Econ. Research.*
‡Helen C. Spaulding, B. S., *Clothing Specialist.*
*Mrs. Marion D. Sweetman, M. S., *Asst. Prof. Home Econ.*

Horticulture:
*J, H. Waring, M. S., *Prof. Hort.*
*M. F. Babb, B. S., *Instr. Hort.*
*G. W. Woodbury, B. S., *Instr. Hort.*

Plant Pathology:
†Donald Folsom, Ph. D., *Plant Path.*
†T. T. Ayers, B. S., *Asst. Plant Path.*
†Reiner Bonde, M. S., *Asst. Plant Path.*
†Edith C. Merchant, B. A., *Asst. Plant Path.*
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Substations:
Aroostook Farm, *P. O., Presque Isle*—S. O. Hanson, *Supt.*
Highmoor Farm, *P. O., Monmouth*—J. H. Cheney, B. S., *Supt.*

MARYLAND

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*†H. J. Patterson, D. Sc., *Dean Coll. of Agr., Dir. of Sta.*
‡T. B. Symons, M. S., D. Agr., *Dir. of Ext. Service*
*M. Marie Mount, M. A., *Dean Coll. of Home Econ.*

Agronomy:
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*†O. C. Bruce, M. S., *Prof. Soils and Geol.; Soil Invest.*
*†G. F. Eppley, M. S., *Assoc. Prof. and Asst. Agron.*
*L. W. Erdman, Ph. D., *Prof. Soils.*
*†W. B. Kemp, B. S., *Prof. Genetics and Agron., Asst. Dean of Coll.; Assoc. Agron.*
‡F. W. Oldenburg, B. S., *Agron. Specialist.*
†R. G. Rothgeb, M. S., *Asst. in Agron.*
†J. M. Snyder, B. S., *Asst. in Soil Invest.*

Agronomy—Continued.
†R. L. Sellman, B. S., *Asst. Agron. and Farm Supt.*
†H. B. Winant, M. S., *Asst. in Soil Invest.*

Animal and Dairy Husbandry:
*†‡DeVoe Meade, Ph. D., *Prof. An. and Dairy Husb.; An. and Dairy Husb.*
*†B. E. Carmichael, M. S., *Prof. An. Husb.; An. Husb.*
‡K. A. Clark, M. S., *An. Husb. Specialist.*
‡J. A. Conover, B. S., *Dairy Specialist.*
*†W. E. Hunt, M. S., *Asst. Prof. and Asst. An. Husb.*

[1] For subject-matter workers see the respective division, i. e., agronomy, animal industry, etc

Animal and Dairy Husbandry—Con.
*†L. W. Ingham, M. S., *Asst. Prof. and Asst. in Dairy Prod.*
*†R. C. Munkwitz, M. S., *Asst. Prof. and Asst. Dairy Husb.*

Bacteriology:
*†E. M. Pickens, D. V. M., A. M., *Prof. Bact.; An. Path.*
†H. M. De Volt, D. V. M., M. S., *Asst. An. Path.*
*J. E. Faber, jr., M. S., *Asst. in Bact.*
†H. B. McDonnell, M. S., M. D., *Chem. in An. Path. Invest.*
*†L. J. Poelma, D. V. M., *Asst. Prof. Dairy Bact.; Asst. An. Path.*
*R. C. Reed, Ph. B., D. V. M., *Prof. An. Path.*
*M. F. Welsh, D. V. M., *Asst. Prof. Bact. and An. Path.*

Botany:
———, *Prof. Bot.; Bot. and Plant Propagation.*
†F. S. Holmes, M. S., *Seed Insp.*
†Ellen Emack, *Asst. in Seed Insp.*
†Mrs. Anna M. Ferguson, *Asst. in Seed Insp.*
†Olive M. Kelk, *Asst. in Seed Insp.*
†Ruth M. Mostyn, *Asst. in Seed Insp.*
†Katherine Smith, *Asst. in Seed Insp.*

Chemistry:
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*N. E. Gordon, Ph. D., *Prof. Phys. Chem.* (*State Chem.*).
*L. E. Bopst, B. S., *Chem. in charge Feed and Fert. Insp.*
*L. B. Broughton, Ph. D., *Prof. Agr. and Food Chem.*
*R. C. Wiley, Ph. D., *Assoc. Prof. Chem.*

Economics—*See* **Farm Management.**

Editorial—*See* **Journalism.**

Education (Agr.): [1]
*H. F. Cotterman, M. A., *Prof. Agr. Ed. and Rural Sociol.*
*‡C. S. Richardson, A. M., *Specialist in Ed. Ext.*

Engineering (Agr.):
*‡R. W. Carpenter, A. B., LL. B., *Prof. Agr. Engin.*

Entomology:
*†‡E. N. Cory, Ph. D., *Prof. Ent.; Ent.* (*State Ent.*).
*Paul Knight, M. S., *Instr. Ent.*
†H. S. McConnell, M. S., *Assoc. Ent.*
‡P. D. Sanders, M. S., *Assoc. Ent.*

Extension (Admin.): [2]
Director Symons *in charge.*
‡F. B. Bomberger, A. M., D. Sc., *Asst. Dir. and Specialist in Rural Organ. and Mktg.* (*Chief, State Dept. of Markets*).

Extension (Admin.)—Continued.
‡Venia M. Kellar, B. S., *State Home Dem. Agt.*
‡E. G. Jenkins, *State Boys' Club Agt.*
‡Dorothy Emerson, *Girls' Club Agt.*

Farm Management and Economics:
*†‡S. H. DeVault, Ph. D., *Prof. and Specialist in Agr. Econ.*
*‡W. T. L. Taliaferro, D. Sc., *Prof. and Specialist in Farm Mgt.*
*B. H. Bennett, M. S., *Asst. Agr. Econ.*
†W. J. Hart, M. S., *Asst. Agr. Econ.*
‡S. B. Shaw, B. S., *Chief Insp. and Mktg. Specialist.*
†W. P. Walker, M. S., *Asst. Agr. Econ.*

Forestry:
*F. W. Besley, M. F., D. Sc., *Lect. on For.* (*State For.*).
‡F. B. Trenk, M. S., *For. Specialist.*

Home Economics:
Dean Mount *in charge, and Prof. of Home and Institutional Mgt.*
*Nellie Buckey, B. S., *Asst. in Home Econ. Ed.*
†Margaret Coffin, M. A., *Research Home Econ.*
*Edna Henderson, B. S., *Asst. in Home Econ.*
*Audrey Killiam, B. S., *Asst. in Home Econ.*
*Mrs. Frieda M. McFarland, M. A., *Prof. Textiles and Clothing.*
*Edna B. McNaughton, M. A., *Prof. Home Econ. Ed.*
‡Mrs. Margaret McPheeters, M. S., *Nutr. Specialist.*
*Eleanor L. Murphy, B. S., *Asst. Prof. Home Mgt.*
‡Helen Shelby, M. A., *Clothing Specialist.*
*Mrs. Claribel P. Welsh, M. A., *Assoc. Prof. Foods.*

Horticulture:
*†‡E. C. Auchter, Ph. D., *Prof. Hort.; Hort.*
‡W. R. Ballard, B. S., *Landsc. and Veg. Gard. Specialist.*
*J. B. Blandford, *Instr. and Hort. Supt.*
*†V. R. Boswell, Ph. D., *Assoc. Prof. and Asst. Oler.*
†F. E. Gardner, Ph. D., *Asst. in Plant Propagation.*
*†F. W. Geise, M. S., *Prof. Oler.; Oler.*
‡L. M. Goodwin, B. S., *Canning Crops Specialist* (*P. O., Denton*).
†A. L. Schrader, Ph. D., *Assoc. Pomol.*
*A. S. Thurston, M. S., *Assoc. Prof. Flor. and Landsc. Gard.*
‡A. F. Vierheller, M. S., *Hort. Specialist.*

[1] Courses given in College of Education.
[2] For subject-matter workers see the respective division, i. e., agronomy, animal and dairy husbandry, etc.

Horticulture—Continued.
†T. H. White, M. S., *Oler. and Flor.*
*W. E. Whitehouse, M. S., *Asst. Prof. Pomol.*

Journalism:
‡M. D. Bowers, B. S., *Specialist in Agr. Journalism.*

Plant Pathology:
†J. B. S. Norton, D. Sc., *Plant Path.*
*‡C. E. Temple, M. A., *Prof. Plant Path. (State Plant Path.).*
‡H. A. Hunter, B. S., *Asst. Plant Path.*
††R. A. Jehle, Ph. D., *Assoc. and Specialist in Plant Path.*

Plant Physiology and Biochemistry:
*†C. O. Appleman, Ph. D., *Prof. Plant Physiol. and Biochem.; Plant Physiol. Dean of Grad. School.*

Plant Physiology and Biochemistry—Continued.
*†C. M. Conrad, Ph. D., *Asst. Plant Physiol.*
*†E. S. Johnston, Ph. D., *Assoc. Prof. and Assoc. Plant Physiol.*

Poultry Husbandry:
*†R. H. Waite, B. S., *Prof. Poultry Husb.; Poultry Husb.*
*†G. D. Quigley, B. S., *Asst. Prof. and Asst. Poultry Husb.*
‡W. H. Rice, B. S., *Poultry Specialist.*

Miscellaneous:
*Grace Barnes, B. S., B. L. S., *Libr.*

Substations:
Ridgely Farm, *P. O. Ridgely*—Albert White, B. S., *Supt.*

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*T. H. Kiah, Ped. D., *Principal. Theory of Agr.*

*Mary E. Amerson, *Dom. Sci.*
*C. E. Clark, *An. Husb.*
*Blanche O. Leggett, *Dom. Art.*
*S. G. Mansfield, *Asst. Agr.*
‡Louis Martin, *County Agr. Dem.*
*J. E. Smith, *Agr. and Chem.*
*Barton White, *Hort.*

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‡W. A. Munson, B. S., *Dir. of Ext. Service*

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*†A. B. Beaumont, Ph. D., *Head of Dept.*
*M. H. Cubbon, Ph. D., *Asst. Prof. Agron.*
‡J. P. Helyar, M. S., *Ext. Prof. Agron.*
†J. P. Jones, Ph. D., *Research Prof. Agron.*
*O. W. Kelly, B. S., *Instr. Agron.*
*M. O. Lanphear, M. S., *Prof. in charge Freshman Agr. Asst. Dean.*
†M. E. Snell, *Invest. in Agron.*
*C. H. Thayer, *Instr. Agron.*

Animal and Dairy Husbandry:
*†J. H. Frandsen, M. S., *Head of Dept.*
†J. R. Alcock, *Lab. Asst. in An. Nutr.*
‡C. J. Fawcett, B. S., *Ext. Prof. An. Husb.*
*G. V. Glatfelter, M. S., *Asst. Prof. An. Husb.*
*H. G. Lindquist, M. S., *Instr. Dairying.*
‡W. P. B. Lockwood, M. S., *Ext. Prof. Dairying.*
*M. J. Mack, M. S., *Asst. Prof. Dairying.*

Animal and Dairy Husbandry—Con.
*V. A. Rice, M. Agr., *Asst. Prof. An. Husb.*

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*†G. E. Gage, Ph. D., *Head of Dept. Prof. Bact.*
*†L. A. Bradley, Ph. D., *Asst. Research Prof. Bact.*
*J. E. Fuller, A. M., *Instr. Bact.*
*Mary E. M. Garvey, B. S., *Instr. Physiol.*
†Joseph Kuzmeski, *Tech. Asst.*

Botany:
*†A. V. Osmun, M. S., *Head of Dept.*
†A. S. Ball, *Lab. Asst. in Bot.*
*O. L. Clark, B. S., *Asst. Prof. Bot.*
*W. H. Davis, Ph. D., *Asst. Prof. Bot.*
†W. L. Doran, M. S., *Research Prof. Bot.*
†E. F. Guba, Ph. D., *Asst. Research Prof. Bot. (P. O. Waltham).*
†L. H. Jones, Ph. D., *Asst. Research Prof. Bot.*
†F. A. McLaughlin, B. S., *Asst. Research Prof. Bot.*

Botany—Continued.

†Gladys I. Miner, *Curator, Dept. of Bot.*

*R. E. Torrey, Ph. D., *Asst. Prof. Bot.*

Chemistry:

*J. S. Chamberlain, Ph. D., *Head Dept. of Agr. Chem.*

†J. B. Lindsey, Ph. D., *Research Prof. and Head Dept. of Plant and An. Chem. Vice Dir. of Sta.*

†H. L. Allen, *Lab. Asst. in Chem.*

†J. G. Archibald, M. S., *Asst. Research Prof. Chem.*

†H. R. De Rose, M. S., *Asst. Official Chem. in Feed and Fert. Control.*

†M. W. Goodwin, B. S., *Analyst in Fert. Control.*

†H. D. Haskins, B. S., *Official Chem. in Fert. Control.*

*W. S. Hinegardner, Ph. D., *Instr. Chem.*

†E. B. Holland, Ph. D., *Research Prof. Chem.*

†Elizabeth F. Hopkins, M. S., *Analyst in Seed Control.*

†J. T. Howard, *Insp.*

†C. P. Jones, M. S., *Asst. Research Prof. Chem.*

†J. W. Kuzmeski, B. S., *Analyst.*

†F. W. Morse, M. S., *Research Prof. Chem.*

†P. R. Nelson, M. S., *Invest. in Chem.*

*C. A. Peters, Ph. D., *Prof. Inorg. and Soil Chem.*

*Paul Serex, jr., Ph. D., *Asst. Prof. Chem.*

†P. H. Smith, M. S., *Official Chem. in Feed Control.*

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*F. M. Cutler, Ph. D., *Asst. Prof. in charge Rural Sociol.*

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*Mary J. Foley, M. S., *Instr. Agr. Econ.*

†Lorian P. Jefferson, A. M., *Asst. Research Prof. Agr. Econ.*

‡H. B. Rowe, *Agr. Econ. Specialist.*

†David Rozman, M. A., *Asst. Research Prof. Agr. Econ.*

†Ruth E. Sherburne, B. S., *Lab. Asst. in Agr. Econ.*

*H. W. Yount, M. S., *Asst. Prof. Agr. Econ.*

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†F. Ethel Felton, B. A., *Editorial Asst.*

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*H. N. Glick, Ph. D., *Prof. Agr. Ed.*

Engineering (Agr.):

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*M. J. Markuson, B. S., *Asst. Prof. Agr. Engin.*

*J. B. Newlon, *Instr. Agr. Engin.*

*G. F. Pushee, *Instr. Agr. Engin.*

Entomology:

*†H. T. Fernald, Ph. D., *Head of Dept.*

*C. P. Alexander, Ph. D., *Asst. Prof. Ent.*

†A. I. Bourne, B. A., *Asst. Research Prof. Ent.*

*G. C. Crampton, Ph. D., *Prof. Insect Ent.*

*C. L. Farrar, B. S., *Instr. Beekeeping and Ent.*

†W. D. Whitcomb, B. S., *Asst. Research Prof. Ent.* (*P. O., Waltham*).

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‡S. R. Parker, B. S., *Supvr. County Agt. Projects.*

‡Mrs. Annette T. Herr, A. M., *State Home Dem. Leader.*

‡G. L. Farley, M. S., *State Club Leader.*

‡E. S. Carpenter, M. S., *Supvr. Ext. Courses and Exhibits.*

‡Marion E. Forbes, *Asst. State Leader of County Club Agts.*

‡W. F. Howe, *Asst. State Club Leader.*

‡E. H. Nodine, B. S., *in charge Poultry Club Work.*

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*R. H. Barrett, M. S., *Asst. Prof. Farm Mgt.*

‡F. H. Branch, B. S., *Ext. Prof. Farm Mgt.*

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Forestry:

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‡R. B. Parmenter, B. S., *Ext. For.* (*P. O., Boston*).

Home Economics:

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†Esther S. Davies, Ph. B., B. S., *Asst. Research Prof. Home Econ.*

‡Esther B. Cooley, B. S., *Asst. Ext. Prof. Clothing.*

‡May E. Foley, A. M., *Asst. Ext. Prof. Nutr.*

[1] For subject-matter workers see the respective division, i. e., agronomy, animal and dairy husbandry, etc.

Home Economics—Continued.

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‡Mrs. Harriett J. Haynes, B. S., *Asst. Ext. Prof. Household Mgt.*
*Helen Knowlton, M. A., *Asst. Prof. Home Econ.*
*Marion L. Tucker, M. A., *Asst. Prof. Home Econ.*

Horticulture:

*F. A. Waugh, M. S., *Head Div. of Hort. and of Dept. of Landsc. Gard.*
*†W. W. Chenoweth, M. S., *Head Dept. of Hort. Mfrs.*
*†F. C. Sears, M. S., *Head Dept. of Pomol.*
†J. K. Shaw, Ph. D., *Research Prof. Pomol.*
*C. L. Thayer, B. S., *Head Dept. of Flor.*
†J. S. Bailey, M. S., *Asst. Research Prof. Pomol.*
*C. O. Cartwright, B. Voc. A., *Instr. Hort. Mfrs.*
‡W. R. Cole, *Ext. Prof. Hort. Mfrs.*
*C. C. Combs, M. L. A., *Asst. Prof. Landsc. Gard.*
†W. L. Cutler, *Lab. Asst. in Pomol.*
*L. S. Dickinson, B. S., *Asst. Prof. Hort.*
*B. D. Drain, S. M., *Asst. Prof. Pomol.*
†C. R. Fellers, Ph. D., *Research Prof. Hort. Mfrs.*
*A. P. French, M. S., *Instr. Pomol.*
†F. P. Griffiths, B. S., *Invest. in Hort. Mfrs.*
*A. K. Harrison, *Asst. Prof. Landsc. Gard.*
‡R. M. Koon, M. S., *Ext. Prof. Veg. Gard.* (*P. O., Waltham*).
*W. E. Martin, *Lab. Asst. in Hort. Mfrs.*
*O. C. Roberts, B. S., *Instr. Pomol.*
*G. B. Snyder, B. S., *Asst. Prof. Veg. Gard.*
*G. J. Stout, M. S., *Instr. Veg. Gard.*
‡W. H. Thies, M. S., *Ext. Asst. Prof. Pomol.*
*C. H. Thompson, M. S., *Prof. Hort.*
†V. A. Tiedjens, M. S., *Asst. Research Prof. Veg. Gard.* (*P. O., Waltham*).
*C. A. Towne, B. S., *Instr. Hort.*
*R. A. Van Meter, B. S., *Prof. Pomol.*

Physics:

*W. F. Powers, Ph. D., *Head of Dept.*
*G. W. Alderman, A. B., *Asst. Prof. Phys.*

Poultry Husbandry:

*†J. C. Graham, B. S., *Head of Dept.*
*Luther Banta, B. S., *Asst. Prof. Poultry Husb.*
†F. A. Hays, Ph. D., *Research Prof. Poultry Husb.*
‡W. C. Monahan, B. S., *Ext. Prof. Poultry Husb.*
*Marion G. Pulley, B. S., *Instr. Poultry Husb.*
†Ruby Sanborn, A. B., *Invest. in Poultry Husb.*
*W. C. Sanctuary, B. S., *Prof. Poultry Husb.*

Veterinary Science:

*†J. B. Lentz, A. B., V. M. D., *Head of Dept.*
†Miriam K. Clarke, A. B., *Analyst* (*Poultry Diseases*).
†W. R. Hinshaw, M. S., D. V. M., *Poultry Disease Elimination Specialist.*
†N. J. Pyle, V. M. D., *Asst. Research Prof. Avian Path.*
†E. F. Sanders, D. V. M., *Asst. Specialist in Poultry Disease Elimination.*
†C. B. Waite, *Field Agt. in Poultry Disease Elimination.*

Zoology and Geology:

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‡L. W. Feighner, *Rural Press Work.*
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*Mrs. Josephine E. Brudwick, B. S., *Instr. Agr. Engin.*
*J. G. Dent, *Instr. Agr. Engin.*
‡B. H. Gustafson, B. S., *Asst. Land Clearing Specialist.*
*M. G. Jacobson, *Instr. Farm Bldgs.*

[1] On leave.

Extension (Admin.): [1]

*†J. H. Neal, B. S., *Instr. Agr. Engin.; Asst. in Drainage.*
*†H. B. Roe, B. S., *Assoc. Prof. Agr. Engin.; in charge of Drainage.*
*†Julius Romness, B. A., *Instr. and Asst. Agr. Phys.*
*†A. J. Schwantes, B. S., *Asst. Prof. and Specialist in Land Clearing.*
*†E. A. Stewart, B. S., *Assoc. Prof. and Assoc. Agr. Phys.*
*†M. J. Thompson, M. S., *Land Clearing Invest. (P. O., Duluth).*
*†J. B. Torrance, B. S., *Asst. Prof. Farm Engin.; in charge Sect. of Farm Mech.*
*†A. G. Tyler, *Asst. Prof. Agr. Phys.; Asst. in Agr. Engin.*
*†H. B. White, B. S., *Asst. Prof. and in charge Sect. of Farm Bldgs.*

Entomology and Zoology:

*†R. N. Chapman, Ph. D., *Chief.*
*†A. G. Ruggles, M. A., *Prof. Econ. Ent.; Ent. (State Ent.).*
*†W. A. Riley, Ph. D., D. Sc., *Consult. Ent. (P. O., Minneapolis).*
*†Francis Jager, *Prof. Bee Culture; Apiculturist.*
*†M. S. Johnson, Ph. D., *Asst. Prof. Ent. and Econ. Zool.; Econ. Zool.*
*†C. E. Mickel, Ph. D., *Asst. Prof. Systematic Ent.; Curator.*
‡H. L. Parten, B. S., *Ent. Specialist.*
†W. M. Robinson, Ph. D., *Asst. Ent.*
†A. L. Strand, M. S., *Asst. Ent.*
†J. W. Thompson, B. S., *Asst. in Bee Culture.*
†F. M. Wadley, M. S., *Research Asst. Ent.*
*R. A. Wardle, M. S., *Assoc. Prof. Ent.*

Extension (Admin.): [1]

Director Peck *in charge.*
‡J. F. Kuehn, *Asst. to Dir.*
‡F. E. Balmer, B. S., *County Agt. Leader.*
‡Julia O. Newton, B. A., *State Home Dem. Leader.*
‡T. A. Erickson, B. A., *State Club Leader.*
‡Edna Brown, *Asst. State Club Agt.*
‡F. J. Brown, B. S., *Asst. County Agt. Leader.*
‡S. B. Cleland, B. S., *Asst. County Agt. Leader.*
‡A. J. Kittleson, *Asst. State Club Agt.*
‡C. L. McNelly, B. S., *Asst. County Agt. Leader.*
‡Mildred Schenck, B. S., *Asst. State Club Agt.*

Farm Management, Agronomy, and Plant Genetics:

*†Andrew Boss, D. Sc., *Chief of Div. Vice Dir. of Sta.*
†C. L. Alexander, *Asst. in Plant Brdg.*
*†A. C. Arny, M. S., *Assoc. Prof. and Assoc. Agron. in charge Farm Crops.*
*†L. B. Bassett, *Assoc. Prof. and Assoc. in Farm Mgt.*
*†H. E. Brewbaker, Ph. D., *Asst. Prof. Agron.; Asst. Plant Geneticist.*
‡W. L. Cavert, M. S., *Farm Mgt. Dem. Agt.*
††‡R. F. Crim, B. S., *Agron. Specialist.*
*†L. F. Garey, M. A., *Asst. Prof. Farm Mgt.; Asst. in Farm Mgt. Invest.*
†A. D. Haedecke, *Asst. in Agron.*
*†H. K. Hayes, D. Sc., *Prof. Plant Brdg.; Assoc. Agron. in charge Sect. of Plant Brdg.*
†A. T. Hoverstad, B. S., *Asst. in Farm Mgt. (Coop. U. S. D. A.).*
*†F. R. Immer, Ph. D., *Instr. and Asst. in Plant Genetics.*
†D. C. Mumford, M. S., *Asst. in Farm Mgt.*
†J. W. Nelson, B. S., *Analyst.*
*†G. A. Pond, Ph. D., *Assoc. Prof. Farm Mgt.; Assoc. Agr.*
†S. M. Raleigh, B. S., *Asst. in Agron.*
*†W. J. Roth, M. S., *Instr. and Asst. in Farm Mgt.*
†G. A. Sallee, B. S., *Asst. in Agron. and Farm Mgt.*
*†F. J. Stevenson, M. S., *Asst. Prof. Agron. and Farm Mgt.; Asst. Plant Breeder.*
*†H. K. Wilson, Ph. D., *Asst. Prof. and Asst. Agron.*

Forestry:

*†Henry Schmitz, Ph. D., *Chief.*
*†J. H. Allison, Ph. B., M. F., *Prof. and Assoc. For.*
‡P. O. Anderson, B. S., *For. Specialist.*
*†R. M. Brown, B. S., M. F., *Asst. Prof. and Asst. For.*
*†E. G. Cheyney, B. A., *Prof. For.; For.*
*T. S. Hansen, B. S., M. F., *Asst. Prof. For.*
*†J. P. Wentling, M. A., *Assoc. Prof. and Assoc. For.*

Home Economics:

*†Wylle B. McNeal, M. A., *Chief.*
*Mrs. Monica J. Aamodt, B. S., *Instr. Home Econ.*
*Alice M. Biester, M. A., *Assoc. Prof. Nutr.*
*Carlotta M. Brown, *Instr. Millinery.*
*Clara M. Brown, B. A., *Assoc. Prof. Home Econ. Ed.*

[1] For subject-matter workers see the respective division, i. e., animal husbandry, biochemistry, etc.

Home Economics—Continued.

‡Mary L. Bull, *Home Mgt. Specialist.*
*†Alice M. Child, M. A., *Asst. Prof. Foods and Cookery.*
*Beatrice S. Counts, M. S., *Instr. Home Econ.*
*Montelle Dietrich, B. S., *Instr. Home Econ.*
*Frances Dunning, B. S., *Asst. Prof. Institutional Mgt.*
*Hally J. Fisher, R. N., *Instr. Home Nursing.*
*Sparkle V. Furnass, B. S., *Instr. Home Econ.*
*Harriet I. Goldstein, *Assoc. Prof. Drawing and Design.*
*Vetta Goldstein, *Instr. Drawing and Design.*
*Ethel R. Gorham, A. M., *Instr. Textiles and Clothing.*
*Laura B. Hadley, B. S., *Instr. Home Econ.*
‡Inez M. Hobart, M. A., *Nutr. Specialist.*
*Hope H. Hunt, M. S., *Instr. Home Econ.*
*Fanny J. Kendall, *Instr. Home Econ.*
*Agnes M. Kolshorn, M. A., *Instr. Home Econ.*
*†Jane M. Leichsenring, Ph. D., *Asst. Prof. Nutr.*
*Caroline B. Little, B. S., *Instr. Home Econ.*
*Katharine H. McFarland, M. A., *Asst. Prof. Home Econ.*
*Amy P. Morse, B. A., *Asst. Prof. Drawing and Design.*
*Paulena B. Nickell, B. S., *Instr. Home Econ.*
*Kathryn B. Niles, B. S., *Instr. Home Econ.*
*†Ethel L. Phelps, M. S., *Asst. Prof. Textiles and Clothing.*
‡Lois M. Reid, B. S., *Clothing Specialist.*
*Ella J. Rose, B. S., *Asst. Prof. Home Econ.*
*Iva I. Sell, Ph. B., *Instr. Home Econ.*
*†Lucy A. Studley, M. A., *Asst. Prof. Home Econ.*
*Marion Weller, B. A., *Assoc. Prof. Textiles and Clothing.*
*Julia B. Whiteside, B. S., *Instr. Home Econ.*
‡Eves E. Whitfield, B. S., *Millinery Specialist.*

Horticulture:

*†W. H. Alderman, B. S., *Chief.*
*†W. G. Brierley, M. S., *Assoc. Prof. and Assoc. Hort.*
*†J. H. Beaumont, Ph. D., *Asst. Prof. and in charge Sect. of Fruit Brdg.*
*†B. I. Burrell, B. S., *Instr. and Asst. Hort.*

Horticulture—Continued.

*†C. E. Cary, B. S., *Asst. Prof. Hort.; in charge Landsc. Gard.*
*†F. A. Krantz, Ph. D., *Asst. Prof. Hort.; in charge Veg. Gard.*
‡R. S. Mackintosh, M. S., *Hort. Specialist.*
*†H. P. Traub, Ph. D., *Instr. and Asst. Hort.*
*†A. N. Wilcox, M. S., *Instr. and Asst. Hort.*

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*†‡W. P. Kirkwood, M. A., *Prof. Agr. Journalism; Editor.*
†G. D. George, *Illustrator.*
†Alice McFeely, *Asst. Editor.*
‡E. C. Torrey, *Publicity Specialist.*

Plant Pathology and Botany:

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*†E. C. Stakman, Ph. D., *Prof. Plant Path.; Plant Path. (Coop. U. S. D. A.).*
*†J. J. Christensen, Ph. D., *Asst. Prof. and Asst. Plant Path. (Coop. U. S. D. A.).*
†Mrs. Ruby U. Crouley, *Asst. Seed Analyst.*
*†Louise Dosdall, Ph. D., *Instr. Plant Path.; Mycol.*
†E. T. Erickson, B. S., *Asst. in Plant Physiol.*
†Helen Hart, M. A., *Asst. Plant Path.*
†R. B. Harvey,[1] Ph. D., *Assoc. Plant Physiol.*
*†H. W. Johnson, M. S., *Instr. and Asst. in Plant Path.*
*†A. H. Larson, B. S., *Asst. Prof. Plant Path.; Seed Analyst.*
*†J. G. Leach, Ph. D., *Asst. Prof. and Asst. Plant Path. and Bot.*
*†R. M. Lindgren, B. S., *Instr. and Asst. in Plant Path.*
*†H. E. Parson, B. S., *Instr. Bot.; Asst. in Plant Path.*
*P. D. Peterson, M. S., *Instr. Plant Path.*
†L. O. Regeimbal, M. S., *Asst. in Plant Physiol.*
†H. A. Rodenhiser, M. S., *Asst. Plant Path.*
‡R. C. Rose, M. S., *Plant Path. Specialist.*
*†J. M. Wallace, M. S., *Instr. and Asst. in Plant Path. (Coop. U. S. D. A.).*

Poultry Husbandry:

*†A. C. Smith, B. S., *Chief.*
‡Cora E. Cooke, B. S., *Poultry Specialist.*
*†A. A. Hoberg, B. S., *Instr. and Asst. Poultry Husb.*

Soils:

*†F. J. Alway, Ph. D., D. Sc., *Chief.*
*†P. R. McMiller, M. S., *Asst. Prof. and Asst. Soils Chem.*

[1] On leave.

Soils—Continued.
†William Methley, *Asst. in Soils.*
††G. H. Nesom, B. S., *Soils Specialist.*
†R. M. Pinckney, Ph. D., *Research Asst. in Soils.*
*†C. O. Rost, Ph. D., *Assoc. Prof. Soils; Asst. Soils Chem.*

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*†C. P. Fitch, M. S., D. V. M., *Chief.*
‡W. A. Billings, D. V. M., *Vet. Med. Specialist.*
*†W L. Boyd, D. V. S., *Prof. Vet. Sci.; in charge Sect. of Vet. Med. and Path.*
*†E. A. Hewitt, B. S., D. V. M., *Asst. Prof. Vet. Med.; Asst. Vet.*
*†H. C. H. Kernkamp,[1] D. V. M., *Assoc. Prof. Vet. Med.; Assoc. Vet.*
†R. E. Lubbehusen, B. S., D. V. M., *Asst. Vet. Path.*
*†M. H. Reynolds, D. V. M., M. D., *Prof. Vet. Med.; in charge Sect. of Vet. Sanitation.*

Miscellaneous:
*†Harriet W. Sewall, B. A., *Libr.*
†C. C. Zimmerman, Ph. D., *Rural Sociol.* (*P. O., Minneapolis*).

Substations:
Lake States Expt. Sta., *P. O., Cloquet*—
Raphael Zon, B. S., F. E., *Director.*
T. S. Hansen, B. S., M. F., *Supt.*

Substations—Continued.
Forest Expt. Sta., *P. O., Itasca*—
H. T. Branigan, *Foreman.*
Fruit Brdg. Farm, *P. O., Excelsior*—
F. E. Haralson, *Asst. Supt.*
Walter Kroenig, *Foreman.*
North Central Substa., *P. O., Grand Rapids*—
O. I. Bergh, B. S., *Supt.*
D. S. Anderson, B. S., *Agr. Engin. and Poultry.*
C. L. Blakeslee, B. S., *An. Husb.*
NE. Dem. Farm and Substa., *P. O., Duluth*—M. J. Thompson, M. S., *Supt.*
NW. Substa., *P. O., Crookston*—
A. A. Dowell, M. S., *Supt.*
E. R. Clark, B. S., *Agron.*
R. S. Dunham, B. S., *Agron.*
A. M. Foker, *Supt. of Bldgs. and Grounds*
O. M. Kiser, B. S., *An. Husb.*
D. H. La Voi, B. S., *An. Husb.*
T. M. McCall, B. S., *Hort.*
A. M. Pilkey, *Poultryman.*
SE. Dem. Farm and Substa., *P. O., Waseca*—R. E. Hodgson, B. S., *Supt.*
West Central Substa., *P. O., Morris*—
P. E. Miller, M. Agr., *Supt.*
J. A. Anderson, B. S., *Asst. Hort.*
R. O. Bridgford, B. S., *Agron.*
A. W. Edson, B. S., *Poultryman.*
A. C. Heine, *Agr. Engin.*
P. S. Jordan, B. S., *An. and Dairy Husb.*

MISSISSIPPI

Mississippi Agricultural and Mechanical College and Agricultural Experiment Station, *A. and M. College*

*College faculty. †Station staff. ‡Extension staff

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*J. N. Lipscomb, M. S., *Dean of School of Agr.*
†J. R. Ricks, M. S., *Dir. of Sta.*
‡R. S. Wilson, B. S., *Dir. of Ext. Work*

Agronomy:
Director Ricks, *Sta. Agron.*
*A. D. Suttle, Ph. D., *Prof. Agron.*
†C. B. Anders, M. S., *Assoc. in Agron.*
*A. G. Burg, M. S., *Assoc. Prof. Agron.*
†Rowland Cowart, M. S., *Assoc. Agron.*
*E. A. Currey, M. S., *Asst. Prof. Agron.*
†W. W. Hull, B. S., *Asst. Plant Breeder.*
†D. W. McIlwain, *Supt. of Farms.*
†J. F. O'Kelly, M. S., *Plant Breeder.*

Animal Husbandry:
*†G. S. Templeton, B. S., *Head of Dept. Asst. Dir. of Sta.*
*†P. G. Bedenbaugh, B. S., *Asst. Prof. and Asst. An. Husb.*
*†D. S. Buchanan, M. S., *Prof. and Assoc. An. Husb.*

Animal Husbandry—Continued.
*†H. H. Leveck, M. S., *Instr. and Asst. in An. Husb.*
‡P. F. Newell, *Ext. An. Husb.*

Bacteriology:
*†C. F. Briscoe, Ph. D., *Head of Dept.*
*†H. H. Harned, M. S., *Assoc. Prof. and Assoc. Bact.*

Botany:
*†J. M. Beal, Ph. D., *Head of Dept.*
*L. Donald, B. S., *Instr. Bot.*
*J. C. McKee, M. S., *Assoc. Prof. Bot.*
†D. C. Neal, Ph. D., *Plant Path.*

Chemistry:
*†W. F. Hand, Ph. D., *Head of Dept.* (*State Chem.*).
*H. T. Beach, Ph. D., *Assoc. Prof. Chem.*

[1] On leave.

Chemistry—Continued.
*G. W. Carroll, B. A., *Assoc. Prof. Chem.*
†Marvin Gieger, B. S., B. Ph., *Research Asst. Chem.*
*Le Roy Johnson, B. S., *Instr. Chem.*
*Paul Warttman, Ph. D., *Assoc. Prof. Chem.*

Dairy Husbandry:
*†J. S. Moore, M. S., *Head of Dept.*
*†W. C. Cowsert, B. S., *Asst. Prof. and Asst. in Dairying.*
‡J. A. Fenger, *Dairy Specialist (Coop. U. S. D. A.).*
*F. H. Herzer, B. S., *Assoc. Prof. Dairying.*
‡L. A. Higgins, B. S., *Ext. Dairy Husb.*
†Duff Maxwell, *Herdsman.*

Economics (Agr.):
†L. E. Long, M. S., *Research Econ. (Coop. U. S. D. A.).*
‡R. W. Beck, *Mktg. Specialist.*
*J. V. Bowen, Ph. B., *Prof. Finance and Mktg.*
‡J. M. Dean, *Community Organ. Specialist.*
‡Mary A. Gordon, *Agt. in Mktg.*
‡T. M. Patterson, M. S., *State Mktg. Agt. (Coop. U. S. D. A.).*

Editorial:
*†‡B. F. Hilbun, B. S., *Agr. Editor and Publicity Work.*

Education (Agr.):
*V. G. Martin, M. S., *Head of Dept.*
*C. E. Cain, M. S., *Asst. Prof. Agr. Ed.*
*S. S. Greene, B. S., *Assoc. Prof. Agr. Ed.*
*D. V. Stapleton, B. S., *Assoc. Prof. Agr. Ed.*

Engineering (Agr.):
*†W. C. Howell, M. S., *Head of Dept.*
*‡J. W. Carpenter, jr., B. S., *Assoc. Prof. Agr. Engin.*
‡J. T. Copeland, B. S., *Ext. Agr. Engin.*

Entomology—*See* **Zoology.**

Extension (Admin.):[1]
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‡J. W. Willis, B. S., *Asst. Ext. Dir. and State Agt. in charge Men's Work.*
‡Mrs. Mary B. Giesen, *State Home Dem. Agt.*
‡J. E. Tanner, *State Club Agt.*
‡F. J. Hurst, B. S., *Asst. in Boys' Club Work (P. O., Jackson).*
‡H. S. Johnson, B. S., *Asst. in Boys' Club Work.*
‡Elaine E. Massey, *Asst. in Girls' Club Work.*

Forestry:
‡D. E. Lauderburn, *For. Specialist (P. O., Jackson).*

Geology:
*†W. C. Morse, M. A., *Head of Dept.*
*F. E. Vestal, M. S., *Assoc. Prof. Geol.*

Home Economics:
†Dorothy Dickins, M. A., *Head Dept. of Home Econ. Research.*
†Ernestine Frazier, B. S., *Asst. in Research Home Econ.*
‡Mrs. Mary S. Gesell, *Food Specialist.*
‡Anne O. Jordan, B. S., *Household Art Specialist.*
†Olive A. Sheets, M. S., *Food Specialist.*

Horticulture:
*†J. C. C. Price, B. S., *Head of Dept.*
‡Lyle Brown, B. S., *Fruit Specialist.*
‡A. B. McKay, M. S., *Leader in Hort. Ext.*
†W. T. Mallory, B. S., *in charge Pecan Invest. (P. O., Natchez).*
*P. B. Monosmith, *Instr. Hort.*
*†C. H. Ragland, B. S., *Instr. and Asst. Hort.*

Physics:
*H. W. Moody, Ph. D., *Head of Dept.*
*G. F. Barnes, A. M., *Assoc. Prof. Phys.*
*J. A. Hootman, B. S., *Asst. Prof. Phys.*
*G. L. Stubblefield, B. S., *Instr. Phys.*

Poultry Husbandry:
*†‡E. P. Clayton, *Head of Dept.*
‡Mrs. Minnie L. Barkley, *Poultry Specialist.*
*M. E. Coe, M. S., *Asst. Prof. Poultry Husb.*
‡G. R. Sipe, *Ext. Poultry Husb.*

Veterinary Medicine:
*†C. B. Cain, D. V. M., M. S., *Assoc. Prof. Vet. Sci.; Vet.*
*†R. V. Rafnel, V. M. D., *Prof. Vet. Sci.; Vet. (P. O., Jackson).*

Zoology and Entomology:
*†‡R. W. Harned, B. S., *Head of Dept. (State Ent.).*
†A. L. Hamner, M. S., *Asst. Ent.*
†J. M. Langston, M. S., *Asst. Ent. (Coop. U. S. D. A.).*
*F. E. Scheaffer, B. S., *Instr. Zool. and Ent.*
*M. R. Smith, Ph. D., *Asst. Prof. Ent.*
*E. W. Stafford, M. S., *Assoc. Prof. Zool. and Ent.*

Miscellaneous:
*Whitman Davis, M. S., *Libr.*
*†‡M. H. Moore, *Secy., Treas.*

Substations:
J. R. Ricks, M. S., *Director.*
Alfalfa Expt. Sta., *P. O., West Point*—
T. F. Akers, B. S., *Asst. Dir.*
Coastal Plains Sta., *P. O., McNeill*—
S. W. Greene, *in charge (Coop. U. S. D. A.).*

[1] For subject-matter workers see the respective division, i. e., agronomy, animal husbandry, etc.

Substations—Continued.
Delta Branch Sta., *P. O., Stoneville*—
W. E. Ayres, M. S., *Asst. Dir. and Plant Breeder.*
K. C. Livingston, *Farm Foreman.*
J. B. Turner, B. S., *Assistant.*
H. A. York, B. S., *Assistant.*
Holly Springs Branch Sta., *P. O., Holly Springs*—
C. T. Ames, B. S., *Asst. Dir.*
O. B. Casanova, B. S., *Assistant.*
O. K. Morgan, *Farm Foreman.*

Substations—Continued.
Raymond Branch Sta., *P. O., Raymond*—
H. F. Wallace, B. S., *Asst. Dir.*
J. C. Peyton, *Farm Foreman.*
South Miss. Branch Sta., *P. O., Poplarville*—
E. B. Ferris, M. S., *Asst. Dir.*
W. S. Anderson, B. S., *Hort.*
B. V. Evans, *Farm Foreman.*

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*A. T. Busby, B. S., *Prof. Agr.*
*E. R. Correll, B. S., *Instr. Farm Mech.*
*Sarah P. Holmes, *Instr. Dom. Sci.*
*Selma C. Jackson, *Instr. Nurse Training.*
*Mrs. B. M. Johnson, *Instr. Housekeeping.*
*L. J. McKay, B. S., *Farm Supt.*
*W. S. Nelson, *Instr. Laundering.*
*Mrs. Eunice D. Powell, B. S., *Prof. Home Econ.*
*O. W. Sanders, B. S., *Asst. Prof. Agr. Ed.*
*Mrs. Alice G. Tanner, *Instr. Dom. Art.*
*H. T. Tanner, *Prof. Hort.*
*J. B. Wright, B. S., *Asst. Prof. Agr. Ed.*

MISSOURI

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*College faculty. †Station staff. ‡Extension staff

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*†F. B. Mumford, M. S., D. Agr., *Dean Coll. of Agr., Dir. of Sta. Prof. An. Husb.*
‡A. J. Meyer, B. S., *Dir. of Agr. Ext. Service*

Animal Husbandry:
*†E. A. Trowbridge, B. S., *Prof. and Chair of Dept.*
‡J. W. Burch, B. S., *Ext. Assoc. Prof. An. Husb.*
*†D. W. Chittenden, A. M., *Asst. Prof. An. Husb.*
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*†M. T. Foster, A. M., *Instr. An. Husb.*
‡H. M. Garlock, B. S., *Ext. Asst. Prof. An. Husb.*
*†H. C. Moffett, B. S., *Asst. in An. Husb.*
*†L. A. Weaver, B. S., *Prof. An. Husb.*

Botany:
*†W. J. Robbins, Ph. D., *Prof. and Chair. of Dept.*
*W. E. Maneval, Ph. D., *Asst. Prof. Bot.*
*E. E. Naylor, A. M., *Instr. Bot.*
*H. W. Rickett, Ph. D., *Asst. Prof. Bot.*
*†I. T. Scott, Ph. D., *Asst. Prof. Bot. and Plant Path.*

Chemistry (Agr.):
*†A. G. Hogan, Ph. D., *Chair. of Dept. and Prof. An. Nutr.*
*†Robert Boucher, jr., A. B., *Asst. in Agr. Chem.*

Chemistry (Agr.)—Continued.
*Sidney Calvert, A. M., *Prof. Org. Chem.*
*†E. W. Cowan, A. M., *Instr. Agr. Chem.*
*†L. D. Haigh, Ph. D., *Assoc. Prof. Agr. Chem.*
†A. R. Hall, B. S., *Instr. Agr. Chem.*
†J. E. Hunter, A. M., *Asst. in Agr. Chem.*
*†W. S. Ritchie, Ph. D., *Asst. Prof. Agr. Chem.*
*Herman Schlundt, Ph. D., *Prof. Phys. Chem.*
†C. L. Shrewsbury, A. B., *Asst. in Agr. Chem.*

Dairy Husbandry:
*†A. C. Ragsdale, M. S., *Prof. and Chair. of Dept.*
*†Samuel Brody, M. A., *Asst. Prof. Dairy Chem.*
*†E. C. Elting, A. M., *Instr. Dairy Husb.*
*†E. R. Garrison, B. S., *Asst. in Dairy Husb.*
*†Warren Gifford, A. M., *Asst. Prof. Dairy Husb.*
‡M. J. Regan, B. S., *Ext. Asst. Prof. Dairy Husb.*
*†W. H. E. Reid, M. A., *Assoc. Prof. Dairy Husb.*

[1] This institution gives the academic title to all employees.

Dairy Husbandry—Continued.
‡A. F. Stephens, B. S., *Ext. Asst. Prof. Dairy Husb.*
*†C. W. Turner, Ph. D., *Asst. Prof. Dairy Husb.*
*†C. W. Weber, A. M., *Instr. Dairy Husb.*

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[1] For subject-matter workers see the respective division, i. e., animal husbandry, botany, etc.

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‡Mary E. Robinson, B. S., *Ext. Assoc. Prof. Home Econ.*
‡Julia M. Rocheford, Pe. B., *Ext. Asst. Prof. Home Econ.*
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[1] For subject-matter workers see the respective division—i. e., agronomy, animal industry, etc.
[2] On leave.

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[1] For subject-matter workers see the respective division, i. e., agronomy, animal husbandry, etc.

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[1] For subject-matter workers see the respective division, i. e., agronomy, animal industry, etc.

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*†R. W. Baird, M. S., *Asst. Prof. and Asst. Agr. Engin.*
‡G. E. Martin, B. S., *Agr. Engin. Specialist.*

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*†C. E. Sanborn, A. M., *Prof. and Head of Dept.*
*†G. A. Bieberdorf, B. S., *Asst. Prof. and Asst. Ent.*
*†G. E. King, B. S., *Asst. Prof. and Asst. Ent.*
*G. A. Moore, B. S., *Instr. Zool.*
‡C. S. Rude, M. S., *Insect Control Specialist.*

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‡E. E. Scholl, B. S., *Asst. Dir.*
———— ————, *State Home Dem. Agt.*
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†R. W. Ellithorpe, B. S., *Asst. in Field Crops and Soils (P. O., Granite).*
†H. H. Finnell, B. S., *Assoc. in Field Crops and Soils (P. O., Goodwell).*
*†Fred Griffee, Ph. D., *Prof. Plant Brdg.; Plant Brdg.*
*†H. J. Harper, Ph. D., *Prof. Soils; Soils.*
†C. D. Haston, B. S., *Foreman Field Crops and Soils Farm.*
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*†H. F. Murphy, M. S., *Assoc. Prof. and Assoc. in Soils.*
‡L. W. Osborn, B. S., *Field Crops and Soils Specialist.*
†H. C. Potts, B. S., *Supt. of Coop. Expts.*

Home Economics:
*Nora A. Talbot, A. M., *Dean School of Home Econ.*
*Ethel E. Davis, M. A., *Prof. and Head Dept. of Household Arts.*

[1] On leave.
[2] For subject-matter workers see the respective division, i. e., animal husbandry, botany and plant pathology, etc.

Home Economics—Continued.
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*†Marjorie P. Benoy, Ph. D., *Assoc. Prof. Home Econ. Research.*
*Hilda Brockman, B. S., *Asst. Prof. Household Sci.*
*Edith Cox, M. A., *Asst. Prof. Household Sci.*
*†Grace C. Fernandes, M. S., *Assoc. Prof. Home Econ. Research.*
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*Madonna Fitzgerald, B. S., *Instr. Household Sci.*
*Evelyn L. Gardiner, A. B., *Instr. Household Sci.*
*Mrs. Anna R. Jackson, A. M., *Assoc. Prof. Household Art.*
‡Martha R. McPheeters, B. S., *Food and Nutr. Specialist.*
*Virginia Messenger, M. S., *Asst. Prof. Teacher Training in Home Econ.*
*Minnie B. Myers, B. S., *Instr. Household Sci.*
*Millie V. Pearson, B. S., *Instr. Home Econ. Ed.*
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*Mildred Smith, B. S., *Instr. Household Art.*
*Grace Steininger, M. S., *Asst. Prof. Household Sci.*

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*Helen H. Thuesen, B. S., *Instr. Household Sci.*

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*†George Davis, *Supt. of Poultry Farms.*
‡I. J. Hollar, B. S., *Asst. Poultry Specialist.*
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*B. M. Mathis, B. S., *Asst. in Agr.*
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*Ida E. Wade, B. S., *Phys.*
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‡H. A. Lindgren, B. S., *An. Husb. Specialist.*

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*†O. M. Nelson, B. S., *Prof. An. Husb.; An. Husb.*
*†A. W. Oliver, B. S., *Asst. Prof. and Asst. An. Husb.*

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*B. W. Rodenwold, B. S., *Asst. Prof. An. Husb.*

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*Helen M. Gilkey, Ph. D., *Asst. Prof. Bot., Curator of Herbarium.*
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†S. M. Zeller, Ph. D., *Plant Path.*

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†J. R. Haag, Ph. D., *Nutr. Chem.*
*R. E. Lothrop, B. E., *Instr. Chem.*
†R. H. Robinson, M. S., *Chem.*
*T. F. Shea, M. S., *Instr. Chem.*
†C. F. Whitaker, B. S., *Asst. Chem.*

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*†P. M. Brandt, A. M., *Prof. Dairy Husb.; Dairy Husb.*
*V. D. Chappell, M. S., *Prof. Dairy Mfrs.*
*H. N. Colman, B. S., *Asst. Prof. Dairy Husb.*
‡N. C. Jamison, B. S., *Dairy Specialist.*
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*†W. H. Belden, M. A., *Instr. and Asst. in Econ. and Sociol.*
†‡R. S. Besse, M. S., *Assoc. in Farm Mgt., Farm Mgt. Dem.*
‡L. R. Breithaupt, B. S., *Agr. Econ. Specialist.*

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†A. S. Burrier, M. S., *Asst. in Farm Mgt.*
*N. H. Comish,[1] M. S., *Prof. Econ. and Sociol.*
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†H. E. Selby, B. S., *Assoc. in Farm Mgt.*
*Mrs. Mercy J. Whaley, M. S., *Instr. Econ. and Sociol.*

Editorial—*See* **Journalism.**

Education (Agr.):
*H. H. Gibson, A. M., *Prof. Agr. Ed.*
*M. A. Schreiber, B. S., *Critic Teacher in Agr. Ed.*

Engineering (Agr.):
*W. J. Gilmore, B. S. A. E., *Prof. Agr. Engin.*
†G. W. Kable, M. S., *Agr. Engin.*
*H. S. Rogers, B. S., C. E., *Prof. Irrig. Engin.*
*G. V. Skelton, C. E., *Prof. Highway Engin.*
*Fred Merryfield, B. S., *Instr. Irrig. Engin.*
*R. L. Perry, B. S., *Instr. Agr. Engin.*
‡F. E. Price, B. S., *Agr. Engin. Specialist.*

Entomology:
*†D. C. Mote, M. S., *Prof. Ent.; Ent.*
*†W. J. Chamberlin, M. S., *Asst. Prof. Ent.; For. Ent.*
*Alice C. Olds, B. A., *Ent. Technician.*
*H. A. Scullen, M. A., *Asst. Prof. Ent. (Bee Culture).*
†B. G. Thompson, M. S., *Asst. Ent.*
†Joseph Wilcox, B. S., *Asst. Ent.*

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‡Mrs. Jessie D. McComb, M. S., *State Home Dem. Leader.*
‡H. C. Seymour, *State Club Leader.*
‡L. J. Allen, M. S., *Asst. State Club Leader.*
‡Helen J. Cowgill, B. S., *Asst. State Club Leader.*
‡W. L. Teutsch, B. S., *Asst. County Agt. Leader.*

[1] On leave.
[2] For subject-matter workers see the respective division, i. e., animal husbandry, bacteriology, etc

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‡U. S. Burt, *Asst. in Information and Exhibits.*

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*†E. N. Bressman, M. S., *Assoc. Prof. Farm Crops; Assoc. Agron.*
*†D. D. Hill, M. S., *Instr. Farm Crops; Asst. Agron.*
*†H. A. Schoth, M. S., *Instr. Farm Crops; Asst. Agron. (Coop. U. S. D. A.).*

Home Economics:
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*Helen L. Davis,[1] B. S., *Prof. and Head Dept. of Clothing, Textiles, and Related Arts. Vice Dean.*
*Melissa Hunter, M. A., *Head Dept. of Institution Econ.*
*Jessamine C. Williams, M. A., *Prof. and Head Dept. of Foods and Nutr.*
*Florence E. Blazier, M. A., *Prof. Home Econ. Ed.*
*Sue C. Blundell, M. A., *Instr. Clothing, Textiles, and Related Arts.*
*Olga Brucher, B. S., *Instr. Foods and Nutr.*
*Amelia E. Burns, B. S., *Instr. Foods and Nutr.*
‡Lucy A. Case, M. A., *Asst. in Nutr.*
*Bess L. Chappell, M. A., *State Supvr. and Teacher Trainer in Voc. Home Econ.*
*Merle B. Davis, B. S., *Critic Teacher in Home Econ. Ed.*
*May C. Frank, B. S., *Instr. Household Admin.*
*Alma C. Fritchoff, M. A., *Asst. Prof. Clothing, Textiles, and Related Arts.*
*Beatrice J. Geiger, M. S., *Assoc. Prof. Foods and Nutr.*
*Fern W. Gleiser, B. S., *Instr. Institution Econ.*
*Mrs. Katharine B. Haight, R. N., *Instr. Home Nursing.*
*A. Grace Johnson, M. A., *Prof. Household Admin.*
*Gladys Johnson, B. S., *Instr. Clothing, Textiles, and Related Arts.*
*Lura A. Keiser, B. S., *Critic Teacher in Home Econ. Ed.*
*Willetta Moore, M. S., *Instr. Foods and Nutr.*
*Margaret C. Morehouse, B. S., *Asst. Prof. Clothing, Textiles, and Related Arts.*
*Sara W. Prentiss, B. S., *Asst. Prof. Household Admin.*

[1] On leave.

Home Economics—Continued.
*Louise C. Struve, M. A., *Asst. Prof. Clothing, Textiles, and Related Arts.*
*Lillian C. Taylor, B. S., *Instr. Foods and Nutr.*
*Mary S. Van Kirk, *Instr. Clothing, Textiles, and Related Arts.*
*†Maud M. Wilson, B. S., *Prof. Home Econ.; Home Econ. Research.*

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*Erline Green, B. S., *Instr. Landsc. Gard.*
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*†E. M. Harvey, Ph. D., *Prof. and Research Hort. (Physiol.).*
‡C. L. Long, M. S., *Hort. Specialist.*
*A. L. Peck, B. S., *Prof. Landsc. Gard. and Flor.*
*†C. E. Schuster, M. S., *Prof. and Assoc. Hort. (Pomol.).*
*†E. H. Wiegand, B. S., *Prof. Hort. Products; Hort. (Products).*

Journalism:
*F. L. Snow, *Prof. Journalism.*
*†C. J. McIntosh, B. S., *Agr. Press Editor.*
*†‡E. T. Reed, B. S., *Editor.*
*†‡D. M. Goode, *Assoc. Editor.*
*†‡Laura B. Heath, B. S., *Asst. Editor.*

Poultry Husbandry:
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‡H. E. Cosby, *Poultry Husb. Specialist.*
*F. E. Fox, M. S., *Assoc. Prof. Poultry Husb.*
†F. L. Knowlton, B. S., *Poultry Husb.*

Soils:
*†W. L. Powers, Ph. D., *Prof. and Chief in Soils.*
‡F. E. Price, B. S., *Soils Specialist.*
*†C. V. Ruzek, B. S., *Prof and Assoc. in Soils (Fert.).*
*†R. E. Stephenson, Ph. D., *Assoc. Prof. and Assoc. Soils Specialist.*
*†E. F. Torgerson, B. S., *Asst. Prof. Soils; Asst. in Soil Survey.*

Veterinary Medicine:
*†B. T. Simms, D. V. M., *Prof. Vet. Med.; Vet.*
*†C. R. Donham, D. V. M., *Asst. Prof. Vet. Med.; Asst. Vet.*
*†W. T. Johnson, B. S., D. V. M., *Assoc. Prof. Vet. Med.; Poultry Path.*

Veterinary Medicine—Continued.
*†J. N. Shaw, B. S., D. V. M., *Asst. Prof. Vet. Med.; Asst. Vet.*

Zoology:
*Nathan Fasten, Ph. D., *Prof. Zool.*
*W. D. Courtney, B. S., *Instr. Zool.*
‡I. N. Gabrielson, A. B., *Leader in Rodent Control.*
*Bess R. Green, A. M., *Asst. Prof. Zool.*
*K. C. Kuster, M. S., *Asst. Prof. Zool.*
*J. L. Osborn, A. M., *Instr. Zool.*
*Eva Trachsel, A. B., *Technician in Zool.*

Miscellaneous:
*Lucy M. Lewis, A. B., B. L. S., *Libr.*

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D. E. Stephens, B. S., *Supt.* (*Coop. U. S. D. A.*).
G. A. Mitchell, B. S., *Asst. to Supt.*

Substations—Continued.
Eastern Oreg. Branch Sta., *P. O., Union*—
Robert Withycombe, B. S., *Supt.*
F. M. Edwards, B. S., *Asst. An. Husb.*
A. H. Walker, B. S., *Asst. Agron.*
Harney Valley Branch Sta., *P. O., Burns*—
Obil Shattuck, M. S., *Supt.*
R. E. Hutchison, B. S., *Asst. Supt.*
Hood River Branch Sta., *P. O., Hood River*—
Leroy Childs, B. A., *Supt. and Ent.*
G. G. Brown, B. S., *Hort.*
John Jacob Astor Branch Sta., *P. O., Astoria*—A. E. Engbretson, B. S., *Supt.*
Southern Oreg. Branch Sta., *P. O., Talent*—
F. C. Reimer, M. S., *Supt.*
R. K. Norris, B. S., *Asst. Supt.*
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PENNSYLVANIA

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*†R. L. Watts, D. Agr., *Dean School of Agr., Dir. of Sta.*
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*†C. F. Noll, Ph. D., *Prof. Expt. Agron. and Supt. of Farms.*
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*†F. G. Merkle, M. S., *Assoc. Prof. Soil Tech.*
*‡H. B. Musser, B. S., *Asst. Prof. Agron. Ext.*
*†A. L. Patrick, M. S., *Prof. Soil Tech.*
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*†M. F. Grimes, M. S., *Prof. An. Husb.*
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*‡H. H. Havner, D. V. M., M. S., *Prof. An. Husb. Ext.*

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*†W. L. Henning, M. S., *Asst. Prof. An. Husb.*
*†P. C. MacKenzie, *Asst. in An. Husb.*
*‡L. C. Madison, B. S., *Asst. Prof. An. Husb. Ext.* (*Swine*).
*†J. F. Shigley, D. V. M., *Assoc. Prof. Vet. Sci.*
*‡J. M. Vial, B. S., *Asst. Prof. An. Husb. Ext.*
*†P. T. Ziegler, M. S., *Asst. Prof. An. Husb.*

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*†W. S. Beach, Ph. D., *Assoc. Prof. Plant Path. Research* (*P. O., Bustleton*).
*†J. B. Hill, Ph. D., *Prof. Bot.*
*†J. P. Kelly, Sc. D., *Prof. Bot.*
*‡R. S. Kirby, Ph. D., *Asst. Prof. Plant Path. Ext.*
*‡W. S. Krout, M. A., *Assoc. Prof. Plant Path. Ext.*
*†E. L. Nixon, M. S., *Prof. Plant Path.*
*†C. R. Orton,[2] Ph. D., *Prof. Plant Path.*
*†L. O. Overholts, Ph. D., *Prof. Bot.*
*†H. W. Popp, Ph. D., *Asst. Prof. Bot.*

[1] This institution gives the academic title to all employees. [2] On leave.

Botany—Continued.
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*†H. A. Wahl, B. S., *Instr. Bot.*

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*†Hannah E. Honeywell, Ph. D., *Asst. Prof. Biol. Chem.*
*†M. W. Lisse, M. S., *Assoc. Prof. Biophys. Chem.*
*†R. J. Miller, D. Sc., *Assoc. Prof. Agr. and Biol. Chem.; Research in Poultry Nutr.*
*†H. B. Pierce, M. S., *Assoc. Prof. Food and Dairy Chem.*
*†E. S. Reider, Phar. G., *Instr. Agr. Chem.*
*†Walter Thomas, B. S., *Assoc. Research Prof. Phytochem.*
*†H. O. Triebold, M. S., *Instr. Agr. and Biol. Chem.*

Dairy Husbandry and Bacteriology:
*†A. A. Borland, M. S., *Head of Dept.*
*†A. L. Beam, M. S., *Prof. Dairy Prod.*
*†S. I. Bechdel, Ph. D., *Prof. Dairy Prod.*
*‡S. J. Brownell, B. S., M. Agr., *Asst. Prof. Dairy Husb. Ext.*
*†C. D. Dahle, M. S., *Assoc. Prof. Dairy Mfrs.*
*†F. J. Doan, M. S., *Asst. Prof. Dairy Mfrs.*
*‡E. B. Fitts, B. S., *Prof. Dairy Husb. Ext.*
*‡C. R. Gearhart. B. S., *Asst. Prof. Dairy Husb. Ext.*
*†P. D. Jones, *Asst. in Dairy Husb.*
*†F. P. Knoll, *Asst. in Dairy Mfrs.*
*†M. H. Knutsen, M. S., *Assoc. Prof. Bact.*
*‡R. H. Olmstead, M. S., *Asst. Prof. Dairy Husb. Ext.*
*‡I. O. Sidelmann, *Asst. in Dairy Husb. Ext.*
*†W. D. Swope, M. S., *Assoc. Prof. Dairy Husb.*
*‡G. A. Taylor, B. S., *Asst. Prof. Dairy Mfg. Ext.*
*†R. P. Tittsler, M. S., *Asst. Prof. Bact.*
*‡R. R. Welch, M. S., *Asst. Prof. Dairy Husb. Ext.*
*†P. S. Williams, M. S., *Assoc. Prof. Dairy Husb.*

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*†W. V. Dennis, A. B., *Prof. Rural Sociol.*

Economics (Agr.)—Continued.
*‡M. J. Armes, B. S., *Asst. in Farm Mgt. Ext.*
*‡W. R. Gordon, B. S., *Asst. Prof. Rural Sociol. Ext.*
*†F. F. Lininger, M. S., *Asst. Prof. Agr. Econ.*
*†J. L. E. McCord, M. S., *Prof. Farm Mgt. and Agr. Econ.*
*‡E. L. Moffitt, M. S., *Prof. Farm Mgt. Ext.*
*‡H. N. Reist, B. S., *Prof. Agr. Econ. Ext.*
*‡H. S. Sloat, B. S., *Asst. in Farm Mgt. Ext.*
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*†P. I. Wrigley, B. S., *Instr. Agr. Econ.*

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*‡E. H. Rohrbeck, B. S., *Agr. Ext. Editor.*

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*†C. S. Anderson, M. S., *Asst. Prof. Agr. Ed.*
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[1] For subject-matter workers see the respective division, i. e., agronomy, animal husbandry, etc.

Forestry—Continued.

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[1] For subject-matter workers see the respective division, i. e., agronomy, animal industry, etc.

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[1] For subject-matter workers see the respective division, i. e., agronomy, animal and poultry husbandry, etc.

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Engineering (Agr.):
*†‡R. L. Patty, B. S. A. E., *Prof. Agr. Engin.; Agr. Engin.*
*F. H. Andrews, *Instr. Forge Shop.*
*J. A. Bonell, Asst. *Prof. Agr. Engin.*
*†J. F. Goss, M. S. A. E., *Asst. Prof. and Asst. Agr. Engin.*

Entomology—*See* **Zoology.**

Extension (Admin.):[1]
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‡H. M. Jones, B. S., *State Club Leader.*
‡V. D. Bassart, B. S., *Asst. County Agt. Leader.*
‡May Kiethline, *Asst. State Club Leader.*

Home Economics:
*†Edith M. Pierson, M. S., *Dean of Div.*
*Ada B. Caldwell, *Prof. Indus. Arts.*
‡Mary A. Dolve, B. S., *Foods and Nutr. Specialist.*
*†Anna O. Halgrim, M. A., *Assoc. Prof. Clothing and Textiles.*
*†Eloise B. Huskins, A. M., *Asst. Prof. Home Econ.*
*Louise L. Leaton, B. S., *Asst. Prof. Home Econ.*
*Ebba Lundgren, B. S., *Instr. Foods and Clothing.*
*Laura J. McArthur, B. S., *Asst. Prof. Home Econ.*
*Ora Sloat, B. S., *Instr. Home Econ.*
*Blanche Tompkins, B. S., *Asst. in Home Econ.*

Home Economics—Continued.
†Grace E. Wasson, M. S., *Research Asst. in Home Econ.*
‡Susan Z. Wilder, M. S., *Foods and Nutr. Specialist.*

Horticulture:
*†N. E. Hansen, Sc. D., *Prof. Hort. and For.; Hort. and Vice Dir. of Sta.*
‡A. L. Ford, M. S., *Hort. and Ent. Specialist.*
*P. L. Keene, M. S., *Asst. Prof. Hort.*

Journalism:
*†C. D. Byrne, M. S., *Prof. Rural Journalism; Agr. Editor.*
‡L. E. Childers, B. S., *Asst. Agr. Editor.*

Physics:
*H. B. Mathews, M. S., *Prof. Phys.*
*R. W. Kenworthy, M. S., *Instr. Phys.*

Sociology (Rural):
*†‡W. F. Kumlien,[2] M. S., *Prof. Rural Sociol.*

Veterinary Science:
*†C. C. Lipp, D. V. M., *Prof. Vet. Med.; Consult. Vet. and Dir. An. Health Lab.*
*†J. B. Taylor, V. M. D., *Asst. Consult. Vet.; Diagnostician.*
‡G. S. Weaver, V. S., *An. Disease Specialist.*

Zoology and Entomology:
*†H. C. Severin, M. A., *Prof. Zool. and Ent.; Ent.*
‡R. O. Bulger, B. S., *State Leader Barberry Erad. (Coop. U. S. D. A.).*
*†G. I. Gilbertson, M. S., *Asst. Prof. and Asst. Ent.*
*Nellie Hartwig, M. S., *Instr. Zool. and Ent.*
*E. C. O'Roke, M. A., *Asst. Prof. Zool.*

Substations:
Brookings—G. B. Ulvin, *Foreman.*
Cottonwood—Wesley Feurestenau, *Foreman.*
Eureka—Walter Schonbrod, *Foreman.*
Vivian—Frank Hussey, *Foreman.*

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*C. A. Willson, M. S., M. Agr., *Dean Coll. of Agr. Prof. An. Husb.*
†C. A. Mooers, B. S., *Dir. of Sta.*
‡C. A. Keffer, M. H., *Dir. Div. of Agr. Ext.*

Agronomy:
Director Mooers *Sta. Agron.*
*O. W. Dynes, M. S., *Prof. Agron.*
*R. H. Austin, M. S., *Asst. Prof. Agron.*

Agronomy—Continued.
†J. H. Bayer, L. I., *Asst. in Coop. Expts. (P. O., Murphreesboro).*
†J. G. Faulkner, *Asst. in Plat Work.*
‡J. C. McAmis, B. S., *Agron. Specialist.*

[1] For subject-matter workers see the respective division, i. e., agronomy, animal and poultry husbandry, etc.
[2] On leave.

Agronomy—Continued.
†L. S. Mayer, M. S., *Asst. Agron. in charge Corn Invest. (Coop. U. S. D. A.).*
‡R. H. Milton, B. S., *Asst. Agron. in charge Tobacco Work (P. O., Nashville).*
†H. P. Ogden, B. S., *Assoc. Agron.*

Animal Husbandry:
*†Moses Jacob, V. M. D., *Prof. An. Husb.; An. Husb.*
‡A. J. Chadwell, B. S., *Poultry Husb. Specialist.*
*H. R. Duncan, B. S., *Assoc. Prof. An. Husb.*
‡C. C. Flanery, M. A., *Sheep Husb. Specialist (P. O., Nashville).*
‡J. H. McLeod, M. S., *Swine Husb. Specialist.*
*B. J. McSpadden, M. S., *Asst. Prof. Poultry Husb.*
‡L. A. Richardson, B. S., *An. Husb. Specialist.*
‡J. C. Snow, B. S., *Poultry Specialist (P. O., Nashville).*
†G. V. Warmbrod, B. S., *Asst. An. Husb. (P. O., Columbia).*

Bacteriology:
*P. W. Allen, Ph. D., *Prof. Bact.*
*G. M. Cameron, B. S., *Instr. Bact.*

Botany:
*L. R. Hesler, Ph. D., *Prof. Bot.*
†S. H. Essary, M. S., *Bot.*
†C. D. Sherbakoff, Ph. D., *Plant Path.*
†J. O. Andes, M. A., *Asst. Plant Path.*
†E. S. Brown, *Asst. Plant Path.*
†Newman Hancock, B. S., *Asst. Bot.*
†Mrs. Helen M. Hutchens, A. B., *Asst. Plant Path.*
*H. M. Jennison, Ph. D., *Prof. Bot.*
*R. G. Turner, B. S., *Instr. Bot.*

Chemistry:
†W. H. MacIntire, Ph. D., *Soil Chem.*
*C. A. Buehler, Ph. D., *Assoc. Prof. Chem.*
†Esther M. Crawford, B. S., *Asst. Biochem.*
*C. O. Hill, Ph. C., M. S., *Prof. Org. and Agr. Chem.*
†Margaret B. MacDonald, Ph. D., *Biochem.*
*J. H. Robertson, Ph. D., *Prof. Chem.*
†K. B. Sanders, B. S., *Asst. Soil Chem.*
†W. M. Shaw, M. S., *Assoc. Soil Chem.*
†G. A. Shuey, B. S., *Assoc. Chem.*
†J. B. Young, B. A., *Asst. Soil Chem.*

Dairy Husbandry:
*C. E. Wylie, M. A., *Prof. Dairying.*
‡L. S. Edwards, B. S., *Dairy Mfg. Specialist (Coop. U. S. D. A.: P. O., Lebanon).*
*T. B. Harrison, B. S., *Asst. Prof. Dairying.*

Dairy Husbandry—Continued.
‡C. A. Hutton, B. S., *Dairy Husb. Specialist.*
‡G. N. Tobey, *Cheese Specialist.*

Economics (Agr.):
*†C. E. Allred, M. S., *Prof. Agr. Econ.; Agr. Econ.*
‡A. L. Jerdan, M. S., *Mktg. Specialist.*
‡Elizabeth Moreland, B. A., *Community Service Specialist.*

Editorial:
‡A. J. Sims, *Ext. Editor.*

Education (Agr.):
*N. E. Fitzgerald, B. Pd., M. S., *Prof. Agr. Ed.*
*E. D. Stivers, M. S., *Prof. Agr. Ed. in charge Itinerant Work.*
*A. L. Rubin, B. S., D. V. M., *Asst. Prof. Agr. Ed. (P. O., Fountain City).*

Engineering (Agr.):
*H. A. Arnold, B. S., *Instr. Agr. Engin.*

Entomology—*See* **Zoology.**

Extension (Admin.):[1]
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‡G. L. Herrington, B. S., *State Club Agt.*
‡Margaret A. Ambrose, *Asst. Dir. Home Dem. Work.*

Forestry—*See* **Horticulture.**

Geology:
*C. H. Gordon, Ph. D., *Prof. Geol. and Mineralogy.*
*G. M. Hall, Ph. D., *Assoc. Prof. Geol.*

Home Economics:
*†Jessie W. Harris, M. A., *Dir. of Dept.*
*Ida A. Anders, B. S., *Head Textile and Clothing Dept.*
*Margaret Browder, B. A., *Practice Teacher in Home Econ.*
*Mayme R. Buckley, M. A., *Asst. Prof. Home Econ.*
*Jeannette Gill, B. A., *Asst. Institutional Mgr.*
‡Maude L. Guthrie, M. A., *Foods and Nutr. Specialist.*
*Bertha M. Jones, M. A., *Asst. Prof. Home Econ.*
‡Lillian L. Keller, B. S., *Clothing and Household Mgt. Specialist.*
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*Mildred A. Tackaberry, M. S., *Asst. Prof. Home Econ.*
‡Mrs. Lena A. Warner, R. N., *Health and Sanitation Specialist.*

[1] For subject-matter workers see the respective divisions, i. e., agronomy, animal husbandry, etc.

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*N. D. Peacock, M. S., *Prof. Hort.*
†J. A. McClintock, M. S., *Hort. and Assoc. Plant Path.*
*H. F. Helfenbein, M. S., *Instr. Hort.*
‡W. C. Pelton, M. S., *Hort. Specialist.*
†Otha Ogle, *Foreman of Fruit Farm.*
‡G. B. Shivery, B. S., M. F., *Farm For. Specialist.*

Veterinary Science:
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Zoology and Entomology:
*E. B. Powers, Ph. D., *Prof. Zool.*
*G. M. Bentley, M. A., *Prof. Ent.* (*State Ent.*).
†H. L. Fackler, M. S., *Assoc. Ent.*
*J. P. Jones, Ph. D., *Asst. Prof. Zool.*
†Simon Marcovitch, Ph. D., *Ent.*
*B. C. V. Ressler, M. S., *Asst. Prof. Zool.*

Zoology and Entomology—Continued.
†W. W. Stanley, B. S., *Asst. Ent.*
*C. M. Wheeler, M. S., *Instr. Ent.*

Miscellaneous:
*†F. H. Broome, *Secy. and Photog.*
*W. A. Campbell, *Farm Supt.*
*†Elizabeth Cheatham, B. A., *Libr.*
‡Florence D. McTeer, *Ext. Secy.*

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Middle Tenn. Expt. Sta., *P. O., Columbia*—L. P Neel, B. S., *Supt.*
Plateau Expt. Sta., *P. O., Crossville*—R. E. Martin, *Supt.*
Tobacco Expt. Sta., *P. O., Clarksville*—H. W. Jones, *Supt.*
West Tenn. Expt. Sta., *P. O. Jackson*—S. A. Robert, B. S., *Supt.*

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*Agricultural faculty

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*Mrs. Janie Elliott, *Applied Dom. Sci.*
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*Mrs. D. A. Forbes, *Laundering.*
*Mrs. H. E. Hale, A. M., *Asst. in Teacher Training.*
*Mrs. W. H. Hodgkins, *Poultry Raising.*
*W. W. Lawson, B. S., *Teacher Training in Agr.*
*Aeolian Lockert, B. S., *Voc. Agr.*
*M. E. Richards, B. S., *Actg. Dir. Home Econ.*
*Mrs. Mary J. Riley, B. S., *Dom. Sci.*
*Mrs. Corinne H. Springer, B. S., *Dressmaking and Designing.*
*Frances E. Thompson, B. S., *Manual Art.*
*Mrs. Mary L. Wilson, *Household Mgt.*

TEXAS

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†A. B. Conner, M. S., *Actg. Dir. of Sta.*
‡O. B. Martin, A. M., *Dir. of Ext. Service*
*Charles Puryear, M. A., C. E., LL. D., *Dean of Coll. and Grad. School*
*E. J. Kyle, M. S., *Dean School of Agr.*

Agronomy:
†E. B. Reynolds, M. S., *Chief of Div.*
†A. B. Conner, M. S., *Vice Dir. of Sta.* (*Grain Sorghum Research*).
†R. E. Karper, B. S., *Asst. Dir. and Actg. Vice Dir. of Sta.* (*Small Grain Research*).
*J. O. Morgan, Ph. D., *Head Prof. Agron. Vice Dean School of Agr.*
*L. G. Jones, Ph. D., *Prof. Agron.*
†D. T. Killough, M. S., *Agron.* (*Cotton Brdg.*).
†G. T. McNess, *Supt. Main Sta. Farm.*
†P. C. Mangelsdorf, Sc. D., *Agron.* (*Corn and Small Grains*).
‡E. A. Miller, B. S., *Agron.*

Agronomy—Continued.
*J. S. Mogford, M. S., *Assoc. Prof. Agron.*
†H. E. Rea, B. S., *Agron.* (*Cotton Root Rot Invest.: P. O., Temple*).
*R. T. Stewart, M. S., *Assoc. Prof. Agron.*
*M. B. Sturgis, B. S., *Instr. Agron.*

Animal Husbandry:
†J. M. Jones, A. M., *Chief Div. of Range An. Husb.* (*Sheep and Goat Research*).
*D. W. Williams, M. S., *Head Prof. An. Husb.*
———, *Head Prof. Dairy Husb.*

[1] On leave.

Animal Husbandry—Continued.
*D. H. Reid, M. S., *Head Prof. Poultry Husb.*
†R. M. Sherwood, M. S., *Chief Div. Poultry Husb.*
†Fred Hale, M. S., *Chief Div. of Swine Husb.*
‡G. W. Barnes, B. S., *Beef Cattle Specialist.*
*J. A. Clutter, jr., M. S., *Prof. Dairy Husb.*
†W. H. Dameron, B. S., *Wool Grader.*
*A. L. Darnell, M. A., *Prof. Dairy Husb.*
‡E. R. Eudaly, B. S., *Swine Husb.*
*Ernest Gibbens, B. S., *Asst. Prof. An. Husb.*
*A. H. Groth, M. S., *Asst. Prof. An. Husb.*
‡E. N. Holmgreen, B. S., *Poultry Specialist.*
*D. F. Irving, B. S., *Assoc. Prof. Poultry Husb.*
†J. L. Lush, Ph. D., *An. Breeder.*
*A. K. Mackey, M. S., *Assoc. Prof. An. Husb.*
‡J. L. Thomas, B. S., *Dairy Specialist.*
*R. H. Williams, Ph. D., *Prof. An. Husb.*

Biology:
*O. M. Ball, Ph. D., *Head Prof. Biol.*
*C. C. Doak, B. S., *Instr. Biol.*
*P. F. English, M. S., *Assoc. Prof. Biol.*
*C. P. Freeman, M. S., *Asst. Prof. Biol.*
*E. H. Gibbons, B. S., *Asst. Prof. Biol.*
*D. J. Pratt, A. M., *Prof. Biol.*

Botany:
†Helge Ness, M. S., *Chief of Div. (Berry Breeder).*

Chemistry:
†G. S. Fraps, Ph. D., *Chief Div. of Chem. (State Chem.).*
*C. C. Hedges, Ph. D., *Head Prof. Chem. and Chem. Engin.*
†S. E. Asbury, M. S., *Asst. Chem.*
*G. C. Bauer, M. S., *Asst. Prof. Chem.*
*H. R. Brayton, M. S., *Prof. Inorg. Chem.*
†R. O. Brooke, M. S., *Asst. Chem.*
*B. M. Caldwell, B. S., *Instr. Chem.*
†E. C. Carlyle, B. S., *Asst. Chem. (Cotton Root Rot Invest.).*
*G. S. Crenshaw, A. B., *Asst. Chem.*
*R. A. Eads, B. S., *Instr. Chem.*
†J. G. Evans, *Asst. Chem.*
†Velma Graham, *Asst. Chem.*
*M. T. Harrington, M. S., *Instr. Chem.*
*F. W. Jensen, Ph. D., *Assoc. Prof. Phys. Chem.*
*B. C. Jones, M. S., *Asst. Prof. Chem.*
*L. A. Koenig, B. A., *Asst. Prof. Chem.*
*E. R. Middleton, M. S., *Instr. Chem.*
†Iola Miller, *Asst. Chem.*

Chemistry—Continued.
†T. L. Ogier, B. S., *Asst. Chem.*
*W. M. Potts, M. S., *Instr. Chem.*
†A. J. Sterges, M. S., *Asst. Chem.*
*R. E. Snuggs, M. S., *Instr. Chem.*
†W. H. Walker, *Asst. Chem.*

Economics:
†L. P. Gabbard, M. S., *Chief Div. Farm and Ranch Econ.*
†B. Youngblood,[1] Ph. D., *Farm and Ranch Econ.*
*V. P. Lee, Ph. D., *Head Prof. Mktg. and Finance.*
*T. W. Leland, M. A., *Head Prof. Accounting and Statistics.*
*S. A. McMillan, M. S., *Head Prof. Farm and Ranch Mgt.*
*Daniel Russell, A. B., *Head Prof. Rural Sociol.*
†C. A. Bonnen, M. S., *Farm Mgt. Research Specialist.*
†V. L. Cory, M. S., *Grazing Research Bot., Farm and Ranch Econ. (P. O., Sonora).*
†G. L. Crawford, M. S., *Research Mktg. Specialist.*
†T. L. Gaston, jr., B. S., *Asst. in Farm Records and Accts. (Coop. U. S. D. A.: P. O., Rockwall).*
*F. J. Hosking, M. S., *Asst. Prof. Accounting and Statistics.*
*R. L. Hunt, M. S., *Asst. Prof. Mktg. and Finance.*
‡R. R. Lancaster, B. S., *Rural Organizer.*
*A. L. Seeman, M. B. A., *Prof. Econ.*
†J. N. Tate, B. S., *Asst. in Ranch Records and Accts. (Coop. U. S. D. A.: P. O., Sonora).*
*J. L. Watson, M. S., *Instr. Agr. Econ.*
*O. A. Weinke, B. S., *Asst. Prof. Accounting and Statistics.*

Editorial—*See* **Publications.**

Education (Agr.):
*C. H. Winkler, Ph. D., *Dean School of Voc. Teaching, Head Prof. Agr. Ed.*
*W. L. Hughes, M. S., *Head Prof. Rural Ed.*
*E. R. Alexander, M. S., *Prof. Agr. Ed.*
*D. C. McIntosh, Ph. D., *Prof. Agr. Ed.*
*G. B. Wilcox, M. A., *Prof. Rural Ed.*

Engineering (Agr.):
*Daniels Scoates, A. E., *Head Prof. Agr. Engin.*
‡M. R. Bentley, B. S., *Agr. Engin.*
*F. R. DeForest, B. S., *Instr. Agr. Engin.*
*F. R. Jones, M. S., *Asst. Prof. Agr. Engin.*
†P. T. Montfort, *Research Asst. in Agr. Engin.*

[1] On leave.

Engineering (Agr.)—Continued.
*H. P. Smith, M. S., *Assoc. Prof. Agr. Engin.*
*M. F. Thurmond, B. S., *Asst. Prof. Agr. Engin.*

Entomology:
†F. L. Thomas, Ph. D., *Chief of Div. (State Ent.).*
*S. W. Bilsing, Ph. D., *Head Prof. Ent.*
†A. H. Alex, B. S., *Queen Breeder, State Apicultural Research Lab., P. O., San Antonio.*
†F. F. Bibby, B. S., *Ent.*
†R. K. Fletcher, M. A., *Ent.*
†J. C. Gaines, jr., M. S., *Ent.*
†Gillis Graham, *Foulbrood Insp.*
†F. M. Hull, M. S., *Ent. (P. O., Angleton).*
†A. B. Kennerly, *Foulbrood Insp.*
*V. A. Little, M. S., *Assoc. Prof. Ent.*
†S. E. McGregor, jr., *Actg. Chief Foulbrood Insp.*
†W. L. Owen, jr., M. S., *Ent.*
†H. B. Parks, B. S., *Apiculturist in charge State Apicultural Research Lab., P. O., San Antonio.*
†H. J. Reinhard, B. S., *Ent.*
‡R. R. Reppert, B. S., *Ent.*
†Franklin Sherman, III, M. S., *Ent.*

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‡H. H. Williamson, B. S., *State Agt.*
‡Mildred F. Horton, *State Home Dem. Agt.*
‡S. C. Evans, B. S., *State Club Agt.*
‡Bess Edwards, B. S., *Asst. State Home Dem. Agt.*

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†F. D. Fuller, M. S., *Chief.*
†K. L. Kirkland, B. S., *Insp.*
†P. A. Moore, *Insp.*
†W. D. Northcutt, jr., B. S., *Insp.*
†S. D. Pearce, *Secy.*
†S. D. Reynolds, jr., *Insp.*
†J. H. Rogers, *Insp.*
†W. H. Wood, *Insp.*

Forestry:
*E. O. Siecke, B. S., *Head Prof. For. (State For.).*
‡C. B. Webster, B. S., *Farm For.*

Genetics:
*E. P. Humbert, Ph. D., *Head Prof. Genetics.*
*A. T. Chisholm, M. S., *Instr. Genetics.*
*C. B. Godbey, M. S., *Asst. Prof. Genetics.*
*W. R. Horlacher, M. S., *Assoc. Prof. Genetics.*

Geology:
*J. H. Hance, Ph. D., *Head Prof. Geol.*
*F. A. Burt, B. S., *Assoc. Prof. Geol.*
*H. B. Stenzel, Ph. D., *Instr. Geol.*

Home Economics:
†Jessie Whitacre, Ph. D., *Chief Div. of Rural Home Research.*
‡Mrs. Dora R. Barnes, B. S., *Clothing Specialist.*
‡Mrs. Maggie W. Barry, M. A., *Special Agt.*
‡Lola A. Blair, *Home Econ. Specialist.*
‡Mrs. Bernice Claytor, B. S., *Home Econ. Specialist.*
†Mamie Grimes, B. S., *Textiles and Clothing Research.*
‡Mamie L. Hayden, B. S., *Clothing Specialist.*

Horticulture:
———— ————, *Chief of Div.*
*E. J. Kyle, M. S., *Head Prof. Hort.*
*F. W. Hensel, M. S., *Head Prof. Landsc. Art.*
*G. W. Adriance, M. S., *Prof. Hort.*
*F. R. Brison, B. S., *Assoc. Prof. Hort.*
*F. S. Jamison, M. S., *Asst. Prof. Hort.*
‡J. F. Rosborough, B. S., *Hort.*

Plant Pathology and Physiology:
†J. J. Taubenhaus, Ph. D., *Chief of Div.*
†W. J. Bach, M. S., *Plant Path. (P. O., Weslaco).*
†B. F. Dana, M. S., *Plant Path. (P. O., Temple).*
†J. P. Lusk, S. M., *Plant Path. (P. O., Iowa Park).*
†L. J. Pessin, Ph. D., *Plant Path.*

Publications:
†A. D. Jackson, *Chief of Div.*
‡W. H. Darrow, B. S., *Editor Ext. Pubs.*
*‡S. C. Hoyle, A. B., *Editor Coll. Pubs.*

Soil Survey:
†W. T. Carter, B. S., *Chief of Div. (Coop. U. S. D. A.).*
†H. W. Hawker, *Soil Surveyor.*
†T. C. Reitch, B. S., *Soil Surveyor.*
†E. H. Templin, B. S., *Soil Surveyor.*

Veterinary Medicine:
*†Mark Francis, D. V. M., *Dean School of Vet. Med., Head Prof. Vet. Anat.; Chief of Div. of Vet. Sci.*
*R. P. Marsteller, D. V. M., *Head Prof. Vet. Med. and Surg.*
†H. Schmidt, D. V. M., *Actg. for Chief Div. of Vet. Sci.*
*P. W. Burns, B. S., D. V. M., *Assoc. Prof. Vet. Physiol. and Pharmacol.*
*R. C. Dunn, D. V. M., *Assoc. Prof. Vet. Med. and Surg.*
†J. D. Jones, D. V. M., *Vet.*

[1] **For subject-matter workers see the respective division, i. e., agronomy, animal husbandry, etc.**

Veterinary Medicine—Continued.
*A. A. Lennert, D. V. M., *Assoc. Prof. Vet. Med. and Surg.*
*A. E. Wharton, D. V. M., *Assoc. Prof. Vet. Path.*

Miscellaneous:
†M. P. Holleman, jr., *Chief Clerk.*
†J. K. Francklow, *Asst. Chief Clerk.*
†Chester Higgs, *Executive Asst.*
†C. B. Neblette, *Tech. Asst.*
†J. M. Schaedel, *Secy.*

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Beaumont (No. 4)—R. H. Wyche, B. S., *Supt.*
Beeville (No. 1)—R. A. Hall, B. S., *Supt.*
Chillicothe (No. 12)—
J. R. Quinby, B. S., *Supt.*
J. C. Stephens, M. A., *Junior Agron. (Coop. U. S. D. A.).*
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[2] For subject-matter workers see the respective division, i. e., agronomy, animal industry, etc.

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[1] For subject-matter workers see the respective division, i. e., agronomy, animal industry, etc.

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[1] For subject-matter workers see the respective division, i. e., animal husbandry, bacteriology, etc.

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‡Dee Crane, *Potato Specialist.*
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[1] For subject-matter workers see the respective division, i. e., agronomy, animal husbandry, etc.

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[1] For subject-matter workers see the respective division, i. e., agronomy, animal husbandry, etc.

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[1] For subject-matter workers see the respective division, i. e., agronomy, animal industry, etc.

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Zoology—Continued.

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Washakie County Expt. Farm, *P. O., Worland*—J. F. Petersen, *Supt.*

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